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U. S. Department of Agriculture.

# *Orchids*

130 MAIN ST.  
WEST ORANGE  
NEW JERSEY



## FOREWORD

In presenting this catalogue of Orchid plants it has been our endeavor to get together as many varieties of species and hybrids as would be of interest to the orchid lover. All of the inclosed list are plants that are growing under our range of twelve greenhouses.

For the past fifty years members of our firm have been engaged in the growing of Orchids in this country, supplying Orchid plants to some of the most notable private collections. The quality of our Orchids has been proven by the many medal awards of the highest order in competition at all of the leading Orchid exhibitions during this period.

Our hybrids are raised from the very finest existing varieties. At the time this catalogue goes to press many of our hybrid Orchid seedlings have not flowered, and are not listed. We also have large specimen plants of unusual size and vigor for exhibition purposes. We solicit your inquiries for these new introductions and specimen plants.

Our supply of some of the varieties that we have listed is limited, and therefore these varieties are subject to being unsold at the time of ordering. Many of the varieties are very rare and we reserve the right in such instances where varieties have become exceptionally difficult to obtain, to quote the most reasonable prices possible.

All of the plants listed in this catalogue are of flowering size unless otherwise specified. They are guaranteed clean and healthy, free from all pests, and true to name.

Our representative will be pleased to call upon anyone who may be desirous of forming an orchid collection, or anyone who may wish information and advise as to their cultivation.

We extend a cordial invitation to visit our Nursery, as we have at all times a display of Orchid plants in flower.

EDWARD A. MANDA,  
President.

## GENERAL ORCHID CULTURE

The letters W. (Warm), I. (Intermediate), and C. (Cool), opposite each plant refer to the respective greenhouses or divisions most suitable for the plants. The temperatures for which should approximate as follows:

**Warm.** During the Summer 65 to 70 deg. Fahr. by night, 70 to 80 deg. Fahr. by day, rising higher during sunshine. Winter 60 to 65 deg. Fahr. by night and 65 to 70 deg. Fahr. by day.

**Intermediate.** During the Summer 60 to 65 deg. Fahr. by night and 65 deg. to 70 deg. Fahr. by day, rising higher during sunshine. In Winter 55 to 60 deg. Fahr. by night and 60 to 65 deg. Fahr. by day. On sharp frosty or windy nights the temperature may fall 5 or 6 degrees provided there is no undue moisture present.

**Cool.** This division should be kept as near 60 deg. Fahr. as possible by day and night during Summer. In Winter the night temperature may fall to 50 deg. Fahr. or even less, without injury to the plants but should be increased to 55 to 60 deg. Fahr. during the day.

For the three divisions the foregoing temperatures must, however, only be regarded as averages, the maximum temperatures may often exceed those given above during the Summer, but care is necessary during the winter to keep them as steady as possible and no attempt should be made to increase the maximums by forcing the pipes.

In practise it is impossible to attain such an ideal and even in their homes plants are subjected to considerable fluctuations. Under glass, temperatures often run up considerable on hot sunny days, but if plenty of moisture and a buoyant atmosphere, be maintained, with judicious use of shading, no harm will follow. Extra sun heat is if anything beneficial.

In Winter, particularly during cold windy weather, it is better to have the houses slightly below the given temperatures and dryer than usual, rather than have the hot water pipes too warm. Hot water piping should always be rather in excess of its requirements so that a genial warmth may be maintained without making the pipes fiercely hot. Nothing is more inimical or productive of insect pests than a dry and arid atmosphere in which as gar-

deners say they can "smell the pipes." Ventilation: Coming as nearly all orchids do from hilly and mountainous countries, fresh air is vital to them and should be freely admitted on all possible occasions; particularly in the cool and intermediate sections. In the warm and East Indian house, so called from the class of orchids grown in it, with its high temperatures, air cannot be so fully given, as harm would result from a lowered temperature. Care must be taken to admit air without causing draughts which are, if anything, more detrimental than fresh air is beneficial. In any case top air requires greatest care in its use until the middle of, and late Summer. Then more air must be given than in Spring to ensure ripening of the plants and hardening them to withstand the Winter. Air must be admitted whenever possible, provided that draughts are avoided and temperature and moisture are not unduly affected both in Winter and Summer.

Shading is most convenient in the form of roller blinds made of canvas netting or wooden laths, the latter are perhaps the better as they admit sunlight but not sufficient to damage the plants. Whatever material is used it is better left in position all the year and should be arranged as to be easily run up or down.

It should always be remembered that orchids with very few exceptions require and enjoy light and sunlight, but not the sun's direct rays and hence the great superiority of roller blinds over permanent shading.

Damping. In their habitats many orchids grow in positions where at all, or certain, seasons, or a certain time of the day, vapour rises from the damp ground or foliage plants beneath them. Much of their nourishment is probably extracted from this vapour, absorbed by their leaves and the aerial roots which so many orchids produce. To imitate these conditions, water is sprayed on the floors, walls and stagings of the houses. The process is known as damping and is very helpful, indeed, necessary to their well being.

Potting. The best materials are the cheapest in the end and they should always be clean, that is free from extraneous matter. Good fibrous *Osmunda Fibre*, the lasting qualities of which make it more economical than peat and its coarser fibres render it more suitable for all the stronger rooting kinds. The better time to pot any orchids is just after they

have finished flowering. If possible before the roots actually appear, but in any case as soon as they are seen. Injury to young fleshy roots is then avoided. Whenever possible potting should be done in the early Spring months as plants then have the benefit of some months of growing weather. Orchids need not be potted every year provided the compost remains sweet and good and the pot is large enough to allow growths to expand. Every orchid should be overhauled and repotted every second year.

Drainage. Drainage is an important factor. Epiphytal orchids should have one third or more of their pots filled with crocks placed more or less upright. If the hole at the bottom of the new pot is small, break into a larger aperture.



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## WEST ORANGE, N. J.

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### ACAMPE

(Intermediate)

(The name meaning inflexible.) Epiphytal orchids with Vanda like habit and requiring similar culture to that genus. They are not so particular as to temperature and will often thrive in the intermediate division.

**Multiflora**—(China and India), Autumn . \$5.00 each

### ACINETA

(Warm)

(From akineta, immovable; the lip being jointless.) An interesting genus which produces stout pendulous racemes of flowers. The plants should be grown in baskets or pans suspended from the roof; given plenty of water and shade when growing, and a complete rest when the growth is finished.

**Barkerii**—(Mexico), Early Summer . . . . \$5.00 each

### AERIDES

(Warm)

(From aer, air; in reference to the power these have of deriving their sustenance from the atmosphere.) "Children of the Air." All are heat-loving plants, and should be given ample drainage, topped with three parts of sphagnum moss, and one part finely chopped fibre. Early Spring is the best time to repot, or renovate the old material.

**Crispum**—(Bombay), Summer . . . . . \$ 7.50 each

**Expansum**—(India), Summer . . . . . 10.00 "

**Expansum Leonae**—(Burma), Summer . 12.50 "

**Lawrenceae**—(Philippines), Autumn . . 10.00 "

**Odoratum**—(India and China), Summer  
and various . . . . . 10.00 "

**Odoratum Majus**—(India), Summer and  
and various . . . . . 15.00 "

**Vandarum**—(India), Principally Autumn  
and Winter . . . . . 5.00 "

**Virens**—(Java), Early Summer . . . . . 7.50 "

### ANGRAECUM

(Warm)

(From angrek, a Malayan name for air plants.) A remarkable genus, mostly from Madagascar and Tropical Africa. Cultural requirements similar to Aerides; shade is an important factor in the successful growing of this genus.

**Eburneum**—(Madagascar), Summer . . \$12.50 each

**Eichlerianum**—(West Coast of Africa),  
Various . . . . . 5.00 "

**Sesquipedale**—(Madagascar), Winter . 25.00 "

### BATEMANNIA

A genus allied to and somewhat resembling Zygotetrum.

**Colleyi**—(British Guiana), Spring . . . . \$5.00 each

# BIFRENARIA

(Cool or Intermediate)

(From bis, twice, and freonum, a strap; in reference to a double strap or band, by means of which the pollen masses are connected with their gland.) A small genus closely allied to Maxillaria, and easily grown in a cool or intermediate temperature.

<b>Aurantiaca</b> —(British Guiana), Autumn	\$5.00	each
<b>Harrisoniae</b> —(Brazil), Spring	5.00	"
<b>Velutina</b>	7.50	"
<b>Wittiana</b>	5.00	"

# BRASSAVOLA

(Warm)

(Named in honour of A. M. Brassavol, a Venetian botanist.) This genus has one outstanding species, viz: Digbyana, from which the hybridist has produced the wonderful hybrids, Brassocattleya, Brassolaeliocattleya, etc. The plans are of easy culture if given a sunny position in a Cattleya house and liberally supplied with water when growing.

<b>Cucullata</b> —(Tropical America), Autumn	\$5.00	each
<b>Digbyana</b> —(Honduras), Various	7.50	"
<b>Glauca</b> —(Mexico), Spring	5.00	"

# BRASSIA

(Intermediate)

(Named after W. Brass, a botanical collector.) This genus is not a large one, neither are the flowers brilliant in colour, but their spider-like form makes them interesting. They are robust growing plants and do well in a mixture of fibre and sphagnum moss.

<b>Antherotes</b> —(Tropical America),		
Summer	\$10.00	each
<b>Caudata</b> —(West Indies), Summer	5.00	"
<b>Gireoudiana</b> —(Costa Rica), Summer	12.00	"
<b>Lawrenceana</b> —(Demerara), Summer	12.00	"
<b>Lawrenceana Longissima</b> —(Costa Rica),		
Summer	15.00	"
<b>Maculata</b> —(Jamaica), Early Summer	5.00	"
<b>Verrucosa</b> —(Guatemala), Spring		
and early Summer	5.00	"

# BRASSOCATTELEYA

(Hybrids from Brassavola and Cattleya.) A very popular group of hybrids; flowers are large, splendidly coloured and magnificent for exhibition and room decoration. The cultural requirements for these and their allied genera, Cattleya, Laeliocattleya, Sophrocattleya, etc., are similar; see Cattleya.

<b>Aida</b> —(Bc. Digbyano-Mendelii x C. Mendelii)	\$20.00	each
<b>Albion</b> —(Bc. Thorntonii x C. Trianae var. alba)	20.00	"
<b>Apollo</b> —(Bc. Digbyano-Mossiae x C. Mendelii)	15.00	"

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# WEST ORANGE, N. J.

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<b>Carmen</b> —(B. Digbyana x C. Mrs. Myra Peeters) .....	\$20.00	each
<b>Crofutiana Var. Monarch</b> —(Bc. Digbyano-Mendelii x C. Warscewiczii)...	35.00	"
<b>Empress of Russia</b> —(B. Digbyana x C. Mendelii) .....	15.00	"
<b>Eudora</b> —(Bc. Marguerite Fournier x C. Enid) .....	20.00	"
<b>Floryi</b> —(Bc. Mrs. J. Leemann x C. Empress Frederick) .....	25.00	"
<b>Fulgens</b> —(B. Digbyana x C. Maggie Raphael) .....	15.00	"
<b>Hannibal</b> —(Bc. Digbyano-Warneri x C. Fabia) .....	25.00	"
<b>Hans Hunter</b> .....	20.00	"
<b>Heatonensis</b> —(B. Digbyana x C. Hardyana) .....	15.00	"
<b>Henrietta</b> —(Bc. Mantinariae x C. amabilis) .....	25.00	"
<b>Ilene</b> —(Bc. Madame Charles Maron x C. Dowiana) .....	20.00	"
<b>Imperialis, Fine Var.</b> —(C. Mossiae x B. C. Cliftoni Magnifica) .....	35.00	"
<b>Jeanne Weidele</b> .....	25.00	"
<b>Langleyensis</b> —(B. Digbyana x C. Schroederae) .....	15.00	"
<b>Maroniae</b> —(C. Gigas x B. Digbyana) ..	15.00	"
<b>Maronii</b> —(B. Digbyana x C. Mendelii) ..	20.00	"
<b>Mars</b> —(Bc. Mrs. J. Leemann x C. Maggie Raphael Var. Alba) .....	20.00	"
<b>Massangeana</b> —(Bc. Mrs. J. Leemann x C. Trianae) .....	35.00	"
<b>Mrs. J. Leemann</b> —(B. Digbyana x C. Dowiana) .....	20.00	"
<b>Mrs. Jos. Manda</b> —(Bc. Mrs. J. Leemann x C. Venus) .....	35.00	"
<b>Nena</b> —(Bc. Digbyano-Mendelii x C. Tityus) .....	25.00	"
<b>Nestor</b> —(Bc. Mme. C. Maron x C. labiata) .....	15.00	"
<b>Pallas</b> —(Bc. Digbyano-Mossiae x C. Warscewiczii, var. Sanderiana) ...	15.00	"
<b>Pluto</b> —(B. Digbyana x C. granulosa) ..	35.00	"
<b>Princess Elisabeth</b> —(Bc. Digbyano-Mendelii x C. Mossiae) .....	25.00	"
<b>Ruby</b> —(Bc. Mrs. J. Leemann x C. labiata, var. Peetersii) .....	20.00	"
<b>Ruby Unicolor</b> —(Bc. Mrs. J. Leemann x C. labiata, var. Peetersii) .....	35.00	"
<b>Sedenii</b> —(B. Digbyana x C. Trianae) ..	15.00	"
<b>Speciosa</b> —(Bc. Digbyano-Mendelii x C. Schroederae) .....	15.00	"
<b>Springtide</b> —(Bc. Mme. C. Maron x C. Mossiae) .....	35.00	"
<b>Stephen Birch</b> —(Bc. Digbyano-Trianae x C. Comet) .....	50.00	"
<b>Thorntonii var. Goliath</b> —(B. Digbyana x C. Gaskelliana) .....	50.00	"
<b>Veitchii</b> —(B. Digbyana x C. Mossiae) ..	20.00	"
<b>Veitchii Queen Alexandra Alba</b> .....	50.00	"
<b>Vilmoriniana</b> —(Bc. Mrs. J. Leemann x C. Mossiae) .....	30.00	"
<b>Zephyr</b> —(Bc. Mrs. J. Leemann x C. Leda) .....	25.00	"

### BRASSOLAELIA

(Hybrids from *Brassavola* x *Laelia*.) A handsome group brilliant in colouring but not quite so shapely as *Brassocattleya*. For culture, see *Cattleya*.

**Veitchii**—(B. *Digbyana* x *L. purpurata*) ...\$15.00

### BRASSOLAELIOCATTLEYA

(Hybrids having *Brassavola*, *Laelia* and *Cattleya* in their make-up.) A splendid family of hybrids, decorative and showy, and including a magnificent range of colours in Mauve, Rose, White, White with colored lip, and Yellow in several shades. For culture, see *Cattleya*.

<b>Afterglow</b> —(Bc. <i>Thorntonii</i> x <i>Lc.</i>	
Rover) . . . . .	\$25.00 each
<b>Albatross</b> —(Bl. <i>Digbyano-purpurata</i> x <i>C.</i>	
Mossiae) . . . . .	20.00 "
<b>Baxter</b> —(Bc. <i>Digbyano-Mossiae</i> x <i>Lc.</i>	
luminosa) . . . . .	35.00 "
<b>Caligula</b> —(Bc. <i>Cliftonii</i> x <i>Lc.</i> <i>Callistoglossa</i> ) . . . . .	25.00 "
<b>Callisto</b> —(Bc. <i>Digbyano-purpurata</i> x <i>Lc.</i> <i>callistoglossa</i> ) . . . . .	20.00 "
<b>Costes</b> —(Bc. Mrs. J. Leemann x <i>Lc.</i> Heckla) . . . . .	20.00 "
<b>Evaline</b> —(BLc. <i>Wotan</i> x <i>C. Schroderae</i> ) . . . . .	25.00 "
<b>General French</b> —(Bc. <i>Thorntonii</i> x <i>Lc.</i> Geo. Woodhams) . . . . .	25.00 "
<b>Gordon Highlander</b> —(Bc. Mme. C. Maron x <i>Lc.</i> <i>Aphrodite</i> ) . . . . .	20.00 "
<b>Lady Diana</b> —(Bl. <i>Digbyana-purpurata</i> x <i>C. Dowiana aurea</i> ) . . . . .	25.00 "
<b>Lotus</b> . . . . .	35.00 "
<b>Mohawk</b> —(Bc. Mrs. J. Leemann x Bl. Helen) . . . . .	35.00 "
<b>Monitor</b> —(Bc. <i>Marguerite Fournier</i> x <i>L. purpurata</i> ) . . . . .	20.00 "
<b>Mrs. Herbert Hoover</b> —(Bc. British Queen x BLc. <i>Pervenusta</i> ) . . . . .	50.00 "
<b>Muriel</b> —(Bc. Mme. C. Maron x <i>Lc.</i> <i>Feronia</i> ) . . . . .	35.00 "
<b>Orient</b> —(Bc. <i>Marguerite Fournier</i> x <i>Lc.</i> <i>Aphrodite</i> ) . . . . .	20.00 "
<b>Pervenusta</b> —(B. <i>Digbyana</i> x <i>Lc.</i> <i>Bletchleyensis</i> ) . . . . .	25.00 "
<b>Pulcherrima</b> —(B. <i>Digbyana</i> x <i>Lc.</i> <i>Canhamiana</i> ) . . . . .	15.00 "
<b>Queen of Belgians</b> —(Bl. <i>Digbyano-purpurata</i> x <i>C. Mendelii</i> ) . . . . .	25.00 "
<b>Seaforth Highlander</b> —(Bc. Mrs. J. Leemann x <i>Lc.</i> <i>Aphrodite</i> ) . . . . .	25.00 "
<b>Strathmore</b> —(Bc. Mrs. J. Leemann x <i>Lc.</i> Nella) . . . . .	35.00 "
<b>The Baroness</b> —(Bc. Mrs. J. Leemann x <i>Lc.</i> <i>Ophir</i> ) . . . . .	25.00 "
<b>Truffautiana</b> —(Bc. Mrs. J. Leeman x <i>Lc.</i> <i>Luminosa</i> ) . . . . .	25.00 "
<b>Truffautiana Aurea</b> —(Bc. Mrs. J. Leemann x <i>Lc.</i> <i>Luminosa</i> ) . . . . .	35.00 "
<b>Virginia</b> . . . . .	25.00 "

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## WEST ORANGE, N. J.

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### BROUGHTONIA

A small genus allied to *Epidendrum* and requiring similar culture. The plants quickly get into bad condition if the compost is allowed to become sodden for any length of time hence they should be grown on rafts or in small pans, and after growth has ceased, water must be given very occasionally, and the plants exposed to as much light as possible. A position near the glass is frequently the most suitable.

**Dominiquensis** .....\$5.00 each

### BULBOPHYLLUM

(Warm and Intermediate)

(From *bulbos*, a bulb, and *phyllon*, a leaf; referring to the leaves issuing from the apex of the pseudo-bulb.) This genus includes some of the very smallest Orchids known, and many species produce flowers of a weird and almost uncanny nature. All are interesting botanically, and are easily grown in a warm moist heat and should never be allowed to become quite dry.

**Barbigerum**—(West Coast of Africa),

Summer .....\$7.50 each

**Careyanum**—(India and Burma), Sum-

mer ..... 5.00 "

**Lilacinum**—(Malaya), Winter ..... 5.00 "

**Lobbii**—(Burma-Malaya), Summer ..... 5.00 "

**Rigidum**—(North India), Autumn ..... 5.00 "

**Saurocephalum**—(Philippines), Various.. 5.00 "

### CALANTHE (Species)

(Warm)

(From *Kalos*, beautiful, and *anthos*, a flower.) A handsome genus of stove, terrestrial Orchids, and mostly deciduous. For table decoration during mid-winter the species and their hybrids are extremely useful, producing as they do an abundance of flowers which last a long time in perfection.

Their cultural requirements are simple, provided a command of heat is possible during the growing season. Being deciduous, they lose their leaves before the flower spikes develop, and after flowering they take a short rest, but must be taken in hand for potting immediately they show signs of growing again. Pot in a mixture of rich loam and dried cow manure, adding some broken crocks to keep it open. Give very little water until good root progress is noticeable, after which more water should be gradually given, and when the pots are full of roots, manure water may be applied liberally.

A good growing temperature is 70 degrees Fahrenheit at night, and as high as it is inclined to run up to in the day. Shade from bright sunlight must be given, otherwise the foliage will become yellow and fall off.

**Regneirii**—(Cochin-China), Winter ....\$3.00 each

**Sanderiana**—(Burma), Winter ..... 5.00 "

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**EDWARD A. MANDA, Inc.**

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**CALANTHE (Hybrids)**

<b>Angela</b> —(Chapmanni x Sedeni (var. burfordiensis))	\$20.00 each
<b>Baron Schroeder</b> —(Regnieri x vestita (var. gigantea))	10.00 "
<b>Florence</b> —(Sedenii (var. bella) x Veitchii)	7.50 "
<b>George</b>	10.00 "
<b>Harrisii</b> —(Veitchii x vestita Turneri)	5.00 "
<b>Lasselliana</b>	5.00 "
<b>McWilliamsii</b>	5.00 "
<b>Orpettiana</b>	5.00 "
<b>Veitchii</b> —(Rosea x vestita)	3.00 "
<b>Whittiana</b>	5.00 "
<b>Wm. Murray</b> —(vestita (var. rubro-oculata) x Williamsii (Regnieri var. Williamsii))	5.00 "

**CATASETUM**

(Intermediate)

(From kata, downwards, and seta, a bristle; referring to the position of the two horns of the column.) A curious and interesting genus. The flowers have an extraordinary polymorphism, sometimes as many as three different forms occurring on the same plant. Another curiosity is the manner in which the pollen masses are ejected with great violence when one of the horns of the column is touched. They are best grown suspended from the roof of a warm house; being very rapid growers they must have a very liberal supply of water when growing. A decided rest is taken after the growth is finished. Repot when new growth commences.

<b>Christyanum</b> —(Brazil), Summer	\$12.00 each
<b>Macrocarpum</b> —(Tropical America), Summer	10.00 "
<b>Tridentatum</b> —(Tropical America), Summer	10.00 "
<b>Virideflavum</b> —(Peru), Summer	10.00 "

**CATTLEYA (Species)**

(Warm)

(Named in honour of W. Cattley, a great patron of botany and horticulture.) This fine genus has been extremely useful to the hybridist, and for that purpose fine varieties are sought after by the plant breeder. Their cultural requirements need rather more skilled attention than the more robust hybrids which have been produced by linking them up with Brassavola, Laelia, Sophronitis, etc. The following hints, however, may be applied to the whole family of Cattleyas and their allied genera.

A genial growing atmosphere with a temperature of about 60 degrees to 65 Fahrenheit at night, rising up to 80 degrees or more during the day—if by sun heat—may be aimed at during their growing season; after their growths are made up more air and less water at the roots should be given to them to enable them to take a rest. Repotting should be undertaken when new roots are pushing from the base of the last made growth. A good compost is Osmunda Fibre.

## WEST ORANGE, N. J.

<b>Aurea</b> —(Costa Rica), Late Summer and Autumn .....	\$15.00	each
<b>Bowringiana</b> —(Central America), Autumn .....	5.00	"
<b>Citrina</b> —(Mexico), Spring and Summer .....	5.00	"
<b>Dowiana</b> —(Costa Rica), Late Summer and Autumn .....	15.00	"
<b>Gaskelliana</b> —(Venezuela), Late Summer .....	5.00	"
<b>Gaskelliana Alba</b> —(Venezuela), Late Summer .....	50.00	"
<b>Gaskelliana Delicata</b> —(Venezuela), Late Summer .....	15.00	"
<b>Gigas</b> —(Colombia), Summer .....	10.00	"
<b>Harrisoniae</b> —(Brazil), Summer .....	7.50	"
<b>Intermedia</b> —(Brazil), Summer .....	5.00	"
<b>Intermedia Alba</b> —(Brazil), Summer ..	25.00	"
<b>Labiata</b> —(Brazil), Late Autumn .....	7.50	"
<b>Loddigesii</b> —(Brazil), Summer .....	7.50	"
<b>Maxima</b> —(Ecuador), Winter .....	10.00	"
<b>Mendelii</b> —(Colombia), Early Summer..	10.00	"
<b>Mendelii Puritan</b> —(Colombia), Early Summer .....	25.00	"
<b>Mossiae</b> —(Venezuela), Summer .....	7.50	"
<b>Mossiae Alba</b> —(Venezuela), Summer..	50.00	"
<b>Mossiae Grandiflorum</b> —(Venezuela), Summer .....	25.00	"
<b>Mossiae Jeanne</b> —(Venezuela), Summer..	25.00	"
<b>Mossiae Llewellyn</b> —(Venezuela), Summer .....	50.00	"
<b>Mossiae Matutina</b> —(Venezuela), Summer .....	15.00	"
<b>Mossiae Wagneri</b> —(Venezuela), Summer .....	50.00	"
<b>Percivaliana</b> —(Venezuela), Early Winter .....	5.00	"
<b>Schilleriana</b> —(Brazil), Summer .....	15.00	"
<b>Schroederae</b> —(Colombia), Spring .....	10.00	"
<b>Skinnerii</b> —(Guatemala), Early Summer .....	7.50	"
<b>Skinnerii Alba</b> —(Guatemala), Early Summer .....	25.00	"
<b>Speciosissima</b> —(Caracas), Summer ...	7.50	"
<b>Speciosissima Stanleyii</b> —(Caracas), Summer .....	35.00	"
<b>Trianae</b> —(Colombia), Winter .....	7.50	"
<b>Trianae Joan</b> —(Colombia), Winter ....	25.00	"
<b>Trianae Regina</b> —(Colombia), Winter..	15.00	"
<b>Velutina</b> —(Brazil), Late Summer .....	15.00	"
<b>Warneri</b> —(Brazil), Summer .....	10.00	"

## CATTLEYA (Hybrids)

(Cattleya x Cattleya.) This is an extremely popular genus of Orchid. Their floriferous habit and gorgeous flowers command attention from amateurs and commercial growers alike. For culture see Cattleya.

<b>Achine Alba</b> —(labiata, var. alba x Maggie Raphael, var. alba) .....	\$35.00	each
<b>Adela</b> —(Percivaliana x Trianae) .....	15.00	"
<b>Adulata</b> —(Adula x Fabiata) .....	25.00	"
<b>Alice Abeel</b> —(Dowiana x Zephyr) ...	18.00	"
<b>Alwynii Alba</b> —(Enid alba x Amabilis alba) .....	25.00	"
<b>Amabilis</b> —(labiata x Warscewiczii)....	15.00	"

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**EDWARD A. MANDA, Inc.**

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<b>A. M. Nicholas</b> —(Dinah x Hardyana)...	\$15.00	each
<b>Amur</b> —(Drapsiana x Dowiana aurea)...	15.00	"
<b>Ancile</b> —(Fabia x Tityus) .....	35.00	"
<b>Angelina Alba</b> —(Bronacha x Everest) .	35.00	"
<b>Armainvillierensis</b> —(Mendelii x Warscewiczii) .....	10.00	"
<b>Armstrongiae</b> —(Hardyana x Loddigesii)	15.00	"
<b>Ashtonii</b> —(Harrisoniana x Warscewiczii)	15.00	"
<b>Ballantineana</b> —(Trianae x Warscewiczii) .....	20.00	"
<b>Banksiae</b> —(Katherine x Mendelii) ....	25.00	"
<b>Barton</b> —(Kienastiana x Warscewiczii) .	30.00	"
<b>Belairensis</b> —(intermedia x Skinneri)...	10.00	"
<b>Belairensis Alba</b> —(intermedia alba x Skinneri alba) .....	25.00	"
<b>Bertii</b> —(Harrisoniana x labiata) .....	10.00	"
<b>Bessie Baldwin</b> —(Ballantineana x Enid)	15.00	"
<b>Blackii</b> —(Gaskelliana x Mendelii) ....	15.00	"
<b>Boadicea</b> —(Gaskelliana x Hardyana)...	15.00	"
<b>Calypso</b> —(Fabia x Mrs. Frank Hurdell) .....	15.00	"
<b>Cappei, Fine Var.</b> —(Trianae Mrs. A. Cooley x Schroderae, The King) ..	30.00	"
<b>Carmen</b> —Lueddemanniana x Warscewiczii) .....	20.00	"
<b>Clotho</b> —(Enid x Trianae) .....	15.00	"
<b>Comet</b> —(Dowiana x Warneri) .....	25.00	"
<b>Cooksonii</b> —(Hardyana x Trianae) ....	15.00	"
<b>Cooksonii Alba</b> —(Hardyana x Trianae)	25.00	"
<b>Corydon</b> —(armainvillierensis x Trianae)	15.00	"
<b>Cybele</b> —(Gaskelliana x Lueddemanniana)	15.00	"
<b>Dionysius</b> —(Fabia var. alba x Warscewiczii var. Melanie Beyrodt) .....	15.00	"
<b>Dolores</b> .....	15.00	"
<b>Donald McKenzie Alba</b> —(Hardyana alba x Miss Williams) .....	35.00	"
<b>Dorothy Tucker</b> —(Fabia x Princess Royal) .....	20.00	"
<b>Draco</b> —(Durpeana x Enid) .....	20.00	"
<b>Dupreana</b> —(Warneri x Warscewiczii) ..	10.00	"
<b>Elaine</b> —(Hardyana x Mrs. Pitt) .....	25.00	"
<b>Eleanore</b> —(Hardyana x Warscewiczii var. M. Beyrodt) .....	20.00	"
<b>Eleanore Alba</b> —Hardyana alba x Warscewiczii var. M. Beyrodt) .....	50.00	"
<b>Elsie Baldwin</b> —(Maggie Raphael x Octave Doin) .....	15.00	"
<b>Empress Frederick</b> —(Dowiana x Mossiae)	12.00	"
<b>Enid</b> —(Mossiae x Warscewiczii) .....	10.00	"
<b>Enid Alba</b> —Mossiae Wagneri x Warscewiczii alba) .....	25.00	"
<b>Enid Fine var.</b> —(Warscewiczii x Mossiae Wagneri) .....	20.00	"
<b>Enidson</b> —(Enid x Harrisoniana) .....	35.00	"
<b>Eve</b> —(Lady Veitch x Undine) .....	35.00	"
<b>Evelyn Sanders</b> —(Trianae var. alba x Undine) .....	35.00	"
<b>Fabia</b> —(Dowiana x labiata) .....	15.00	"
<b>Fabia Alba</b> —(Dowiana aurea x labiata alba) .....	25.00	"
<b>Fabianid</b> —(Enid x Fabia) .....	15.00	"
<b>Fabiliana</b> —(Fabia, var. Vigeriana x Percivaliana) .....	15.00	"
<b>Freya</b> —(Dowiana x Mantinii) .....	15.00	"



# WEST ORANGE, N. J.

<b>Gatton Ruby</b> —(Amabilis x Hardyana) .	\$20.00	each
<b>Gatton Ruby Alba</b> —(Amabilis alba x Hardyana alba) . . . . .	20.00	"
<b>Gay Gordon</b> —(Hardyana x Van Houtte)	15.00	"
<b>Gen. Pulteney</b> —(Octave Doin x Trianae)	15.00	"
<b>Gertrude Hollington</b> —(Fabia x Prince John) . . . . .	20.00	"
<b>Gildenii</b> —(Hardyana x Maggie Raphael)	20.00	"
<b>Gudhard</b> —(Gudrun x Hardyana) . . . . .	20.00	"
<b>Hardyana</b> —(Dowiana x Warscewiczii) .	15.00	"
<b>Hardyana Alba</b> —(Dowiana Aurea x Warscewiczii alba) . . . . .	35.00	"
<b>Hardyana Alba Hercules</b> —(Dowiana Aurea x Warscewiczii alba) . . . . .	50.00	"
<b>Hardyana Aurea</b> —(Dowiana Aurea x Warscewiczii alba) . . . . .	25.00	"
<b>Hardyana Delicata</b> —(Dowiana x Warscewiczii) . . . . .	25.00	"
<b>Hardyana Elegans</b> —(Dowiana x Warscewiczii) . . . . .	25.00	"
<b>Hardyana Excellens</b> —(Dowiana x Warscewiczii) . . . . .	25.00	"
<b>Harold</b> —(Gaskelliana x Warscewiczii) .	15.00	"
<b>Hentschelii</b> —(Dupreana x Warscewiczii)	15.00	"
<b>H. S. Leon</b> —(Schroederae x Warscewiczii) . . . . .	10.00	"
<b>Intermeta</b> . . . . .	15.00	"
<b>Intertexta</b> —(Mossiae x Warneri) . . . . .	15.00	"
<b>Jarvisbrook</b> . . . . .	25.00	"
<b>Jocaste</b> —(Mossiae x Schroederae) . . . . .	15.00	"
<b>Judah</b> —(Hardyana x Lord Rothschild) .	25.00	"
<b>Juno</b> —(Forbesii x velutina) . . . . .	20.00	"
<b>Kienastiana</b> —(Dowiana x Lueddemanniana) . . . . .	15.00	"
<b>King George</b> —(Dowiana var. Rosita, x triumphans) . . . . .	15.00	"
<b>Kitty Wren</b> —(Fabia x Gaskelliana) . . .	10.00	"
<b>Lacrozae</b> —(Adula x Hardyana) . . . . .	20.00	"
<b>Lady Alexander</b> —(amabilis x Fabia) . . .	20.00	"
<b>Lancing</b> —(Chocoensis x Snow Queen) .	15.00	"
<b>Leda</b> —(Dowiana x Percivaliana) . . . . .	15.00	"
<b>Lord Derby</b> —(labiata x Percivaliana) . .	15.00	"
<b>Lord Rothschild</b> —(Dowiana x Gaskelliana) . . . . .	15.00	"
<b>Lorna</b> —(Enid x Warscewiczii) . . . . .	30.00	"
<b>Luegeae</b> —(Dowiana, var. Rosita x Enid)	20.00	"
<b>Madame M. Verdonck</b> —(Hardyana x Minucia) . . . . .	20.00	"
<b>Maggie Raphael</b> —(Dowiana x Trianae) .	15.00	"
<b>Maggie Raphael Alba</b> —(Dowiana aurea x Trianae) . . . . .	25.00	"
<b>Mantinii</b> —(Bowringiana x Dowiana) . . .	10.00	"
<b>Marriottiana</b> —(Eldorado x Warscewiczii) . . . . .	20.00	"
<b>Mary Sanders</b> —(Undine x Suzanne Hye)	35.00	"
<b>Mendelissima</b> —(Lueddemanniana x Mendelii) . . . . .	10.00	"
<b>Merope</b> —(Fabia x Trianae) . . . . .	20.00	"
<b>Minucia</b> —(Loddigesii x Warscewiczii) . .	20.00	"
<b>Miss Kemp</b> —(Bowringiana x Fabia) . . . .	10.00	"
<b>Moir</b> a—(Fabia x Mantinii) . . . . .	20.00	"
<b>Mona</b> —(Dowiana x Regina) . . . . .	20.00	"
<b>Monarch</b> —(Empress Frederick x Trianae, var. Monarch) . . . . .	20.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Mount Royal</b> —(Enid x Maggie Raphael)	\$20.00	each
<b>Mount Royal Alba</b> —(Enid alba x Maggie Raphael alba) . . . . .	30.00	"
<b>Mrs. Barry Cooper</b> —(Fabia, var. alba x Schroderae) . . . . .	25.00	"
<b>Mrs. C. D. Armstrong</b> —(Snow Queen x Undine) . . . . .	15.00	"
<b>Mrs. E. Peterson</b> —(Empress Frederick x Zephyr) . . . . .	15.00	"
<b>Mrs. F. Knollys</b> —(Hardyana x Mossiae)	20.00	"
<b>Mrs. Jas. Watson Alba</b> —(Maggie Ra- phael alba x Trianae The Queen)	35.00	"
<b>Mrs. M. Peters Alba</b> —(Gaskelliana var. alba x Warneri var. alba) . . . . .	35.00	"
<b>Mrs. Pitt</b> —(Dowiana x Harrisoniana) ..	15.00	"
<b>Mrs. R. Jewell</b> —(Maggie Raphael x Schroederae) . . . . .	25.00	"
<b>Mrs. R. Jewell</b> —(Maggie Raphael alba x Schroederae alba) . . . . .	50.00	"
<b>M. S. Stein</b> . . . . .	15.00	"
<b>Niobe</b> —(Aclandiae x Mendelii) . . . . .	35.00	"
<b>Nutley</b> —(Hardyana x Harold) . . . . .	15.00	"
<b>Octave Doin</b> —Dowiana x Mendelii) ...	15.00	"
<b>Oenone Alba</b> —(labiata x Mossiae alba)	25.00	"
<b>Okami, Fine Var.</b> —(Suavior x Warscew- iczii) . . . . .	35.00	"
<b>Peetersii</b> —(Hardyana x labiata) . . . . .	15.00	"
<b>Peetersii Alba</b> —(Hardyana alba x labi- ata) . . . . .	35.00	"
<b>Percissisima</b> . . . . .	10.00	"
<b>Portia</b> —(Bowringiana x labiata) . . . . .	10.00	"
<b>President Wilson</b> —(Fabia x labiata) ..	15.00	"
<b>Pretoria</b> —(Dowiana x Peetersii) . . . . .	15.00	"
<b>Prince Edward</b> —(Schilleriana x War- scewiczii) . . . . .	25.00	"
<b>Prince John Alba</b> —(Dowiana aurea x Hardyana alba) . . . . .	20.00	"
<b>Princess</b> —(Lueddemanniana x Trianae)	20.00	"
<b>Princess Royal</b> —(Fabia x Hardyana) ..	15.00	"
<b>Princess Royal Alba</b> —(Fabia alba x Har- dyana alba) . . . . .	20.00	"
<b>Priscilla</b> —(Enid x Lueddemanniana) ..	15.00	"
<b>Priscilla Alba</b> —(Enid alba x Luedde- manniana) . . . . .	30.00	"
<b>Quibo Alba</b> —(Miss Williams alba x Dowiana aurea) . . . . .	35.00	"
<b>Rienzi</b> —(General Pau x Hardyana) ...	20.00	"
<b>Robert Bruce</b> —(Dowiana x Suavior) ..	25.00	"
<b>Sylvia</b> —(Dowiana x Fabia) . . . . .	20.00	"
<b>Tambora</b> —(intertexta var. Juliettae x R. Prowe) . . . . .	35.00	"
<b>Thayeriana</b> —(intermedia x Schroederae)	15.00	"
<b>Thayeriana Alba</b> —(intermedia alba x Schroederae alba) . . . . .	35.00	"
<b>The Bride</b> —(Undine x Warscewiczii var. alba) . . . . .	35.00	"
<b>Thurgoodiana</b> —(Hardyana x Luedde- manniana) . . . . .	15.00	"
<b>Timmendaque</b> —(Ballantinaena x Fabia)	20.00	"
<b>Tityus</b> —(Enid x Ectave Doin) . . . . .	15.00	"
<b>Trentino</b> —(Warneri x Undine) . . . . .	20.00	"
<b>Trimos</b> —(Mossiae x Trianae) . . . . .	15.00	"
<b>Trimos, Fine Var.</b> —(Mossiae x Trianae Backhouse) . . . . .	20.00	"

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## WEST ORANGE, N. J.

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<b>T. C. Kirkwood</b> —(Princess Royal x Warscewiczii) .....	\$15.00	each
<b>Urbana</b> —(Eximea x Warscewiczii) ...	15.00	"
<b>Van Houtte</b> —(Lord Rothschild x Warscewiczii) .....	15.00	"
<b>Veriflora</b> —(labiata x Trianae) .....	10.00	"
<b>Vestalis</b> —(Dowiana x maxima) .....	20.00	"
<b>Wendlandiana</b> —(Bowringiana x Warscewiczii) .....	15.00	"
<b>White Empress</b> —(Irene & Trianae)...	50.00	"
<b>Whitei</b> —(Schilleriana x Warneri) .....	25.00	"
<b>Ypres</b> —(Fabia x Mrs. Pitt) .....	25.00	"

### CHYSIS

(Warm)

(From chysis melting owing to the pollinia having the appearance of being fused; it is one of the few Orchids which have the power of self-fertilisation.) An interesting botanical genus. They are of easy culture and should be given warm house treatment when growing, with a resting period in a cool house after the growth has made up.

<b>Aurea</b> —(Venezuela), Early Summer ...	\$5.00	each
<b>Bractescens</b> —(Peru), Spring .....	5.00	"

### CIRRHOPETALUM

(Intermediate)

(From cirrhos, a tendril, and petalon, a flower leaf; in reference to the strap-shaped petals.) A genus closely allied to Bulbophyllum but differing in the umbellate inflorescence.

<b>Collettii</b> —(Burma), Various .....	\$5.00	each
<b>Guttulatum</b> —(India), Various .....	5.00	"
<b>Ornatissimum</b> —(Himalayas), Autumn ..	5.00	"
<b>Picturatum</b> —(Malaya), Various .....	5.00	"

### COELOGYNE (Species)

(Warm)

(From koilos, hollow, and gyne, female; in reference to the female organ, or pistil.) The genus includes several species which produce handsome, pendulous racemes, sometimes thirty inches long. They are variable in size and colouring of the flowers, and with selection, they may be had in flower the greater part of the year. Being mostly warm house plants, they require a liberal supply of water when growing, and a shady position.

<b>Asperata</b> —(Borneo), Summer .....	\$ 7.50	each
<b>Barbata</b> —(Assam), Winter and early Spring .....	5.00	"
<b>Cinamonea</b> —(Assam), Spring .....	5.00	"
<b>Cristata</b> —(Himalaya), Winter to Spring ..	5.00	"
<b>Dayana</b> —(Borneo), Spring to Summer ..	5.00	"
<b>Dayana Grandis</b> —(Borneo), Spring to Summer .....	10.00	"

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## EDWARD A. MANDA, Inc.

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<b>Fimbriata</b> —(Himalaya), Summer .....	\$ 5.00	each
<b>Flaccida</b> —(North India), Spring .....	5.00	"
<b>Lawrenceana</b> —(Annam), Early Summer .....	15.00	"
<b>Massangeana</b> —(Assam), Various .....	5.00	"
<b>Meyeriana</b> —(Tropical Asia), Late Summer .....	7.50	"
<b>Mooreana</b> —(Annam), Various .....	10.00	"
<b>Pandurata</b> —(Borneo), Summer .....	10.00	"
<b>Speciosa</b> —(Java), Various .....	5.00	"
<b>Tomentosa</b> —(Borneo), Summer .....	7.50	"

### COELOGYNE (Hybrids) (Warm)

**Burfordienseis**—(pandurata x asperata)

### COMPARETTIA (Warm)

Pretty dwarf epiphytes with coriaceous leaves and pendulous or arching racemes of flowers. Apart from their bright colouration, the flowers are most interesting from their structure. The connate lateral sepals are prolonged into a long spur like chin, concealing a two horned spur formed by the base of the lip. The upper sepals and petals are so arranged as to form a protective hood to the column. The lip is much larger than the other segments and brightly coloured.

The culture should be similar to that given *Rodriguesias*. A shallow pan, hung in a tilted position suits them, particularly as they are impatient of too much water in the dull season.

**Falcata**—(Central America), Summer ...\$5.00 each

### CORYANTHES (Warm)

(From *korys*, a helmet, and *anthos*, a flower; in reference to the shape of the lip.) Helmet-flower. A curious and very interesting hot-house genus. The habit of flowering is similar to *Stanhopea*, i. e., it pushes its pendulous flower scape from the base of its pseudo-bulbs. They are best cultivated in baskets and suspended from the roof in the same way as *Stanhopeas*.

**Macrantha**—(Caracas), Summer .....\$12.00

**Speciosa**—(Brazil), Summer ..... 10.00

### CYMBIDIUMS (Species) (Intermediate)

(From *Kymbe*, a boat; referring to the hollow recess in the lip.) A very handsome and decorative genus; mostly terrestrial, and very adaptable.

**Aloifolium**—(Burma), Spring .....\$ 5.00 each

**Cyperfolium**—(Himalayas), Winter ... 5.00 "

**Erythrostylum**—(Annam), Autumn to Spring ..... 15.00 "

## WEST ORANGE, N. J.

<b>Finlaysonianum</b> —(Malaya), Summer . . .	\$10.00	each
<b>Grandiflorum</b> —(Himalayas, etc.), Winter and Spring . . . . .	10.00	"
<b>Hookerianum</b> —(Himalayas, etc.), Winter and Spring . . . . .	10.00	"
<b>Insigne</b> —(Annam), Early Spring . . . .	10.00	"
<b>Lowianum</b> —(Burma), Early Spring . . . .	7.50	"
<b>Lowianum Mandaianum</b> —(Burma), Early Spring . . . . .	25.00	"
<b>Roseum</b> —(Annam), Early Spring . . . .	25.00	"
<b>Schroederi</b> —(Annam), Early Spring . . .	12.00	"
<b>Tracyanum</b> —(Burma), Autumn . . . . .	10.00	"
<b>Tracyanum Superbum</b> —(Burma), Autumn . . . . .	15.00	"

## CYMBIDIUMS (Hybrids)

### (Intermediate)

This genus has become extremely popular, and is now to be seen in gardens where, previously, Orchids were looked upon as too troublesome to grow. The graceful flower spikes—of great lasting quality—together with the handsome foliage, make them a very desirable acquisition where decorative plants are a desideratum.

Their cultural requirements are very similar to the greenhouse geranium; a temperature round about 50 to 60 degrees Fahrenheit at night—with a rising day temperature by sun heat—plenty of fresh air, and less moisture in the atmosphere than most Orchids enjoy. Syringing overhead with clear water during warm bright days helps to keep away their worst enemy, "Red Spider."

<b>Albanense</b> —(erythrostylum x insigne Sanderi) . . . . .	\$15.00	each
<b>Alexanderi</b> —(eburneo-Lowianum x insigne Sanderi) . . . . .	10.00	"
<b>Alexanderi Aureum</b> — (eburneo-Lowianum x insigne Sanderi) . . . . .	25.00	"
<b>Alexanderi Francis</b> — (eburneo-Lowianum x insigne Sanderi) . . . . .	25.00	"
<b>Alexanderi Joan</b> —(eburneo-Lowianum x insigne Sanderi) . . . . .	25.00	"
<b>Alexanderi John W. Slotter</b> —(eburneo-Lowianum v insigne Sanderi) . . . .	25.00	"
<b>Alexanderi Marie</b> — (eburneo-Lowianum x insigne Sanderi) . . . . .	35.00	"
<b>Alexanderi Mrs. Mary House</b> —(eburneo-Lowianum x insigne Sanderi) . . .	35.00	"
<b>Alexanderi Orange</b> —(eburneo-Lowianum x insigne Sanderi) . . . . .	50.00	"
<b>Alexanderi Roseum</b> —(eburneo-Lowianum x insigne Sanderi) . . . . .	35.00	"
<b>Alexanderi Splendens</b> —(eburneo-Lowianum x insigne Sanderi) . . . . .	20.00	"
<b>Astra</b> —(rosefieldense x Schlegelii) . . . .	50.00	"
<b>Atlas</b> —(Doris x gattonense (Cravenianum)) . . . . .	35.00	"
<b>Beatrice</b> —( ? x ? ) . . . . .	10.00	"
<b>Beatrice Bronze Queen</b> —( ? x ? ) . . .	20.00	"
<b>Beatrice Souvenir</b> —( ? x ? ) . . .	25.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Beatrice Superba</b> —( ? x ? )	....	\$25.00	each
<b>Beatrice Surprise</b> —( ? x ? )	....	25.00	"
<b>Beryl</b> —(Lowianum x Pauwelsii)	.....	15.00	"
<b>Beryl Nobilior</b> —(Lowianum x Pauwelsii)		25.00	"
<b>Bruggense</b> —(insigne Sanderi x J. Davis (Cooperi))	.....	10.00	"
<b>Bullfinch</b> —(Alexanderi x Garnet)	....	25.00	"
<b>Bunting</b> —(insigne Sanderi x Garnet)	..	35.00	"
<b>Bustard</b> —(Garnet x Lowio-grandiflorum)		35.00	"
<b>Butterfly</b> —(insigne Sanderi x Lowio- grandiflorum)	.....	15.00	"
<b>Camilla</b> —(Doris x Lowio-grandiflorum)	.	35.00	"
<b>Capella</b> —(Pauwelsii x Wiganianum)	..	10.00	"
<b>Capella Aurea</b> —(Pauwelsii x Wiganianum)	.....	25.00	"
<b>Capella Helen Manda</b> —(Pauwelsii x Wiganianum)	.....	25.00	"
<b>Castor</b> —(insigne Sanderi x Woodham- sianum)	.....	15.00	"
<b>Castor Brilliant</b> —(insigne Sanderi x Woodhamsianum)	.....	35.00	"
<b>Ceres</b> —(L'Ansonii x insigne Sanderi)	.	50.00	"
<b>Cetus</b> —(Alexanderi x Parishii Sanderae)		35.00	"
<b>Chaffinch</b> —(Doris x Gottianum)	.....	35.00	"
<b>Charm</b> —(Ceres x erythrostylum)	....	75.00	"
<b>Corona</b> —(Lowianum x Schlegelii)	....	25.00	"
<b>Coningsbyanum</b> —(grandiflorum x insigne Sanderi)	.....	25.00	"
<b>Curlew</b> —(Alexanderi x Butterfly)	....	35.00	"
<b>Cygnnet</b> —(Parishii Sanderae x Pauwelsii)		25.00	"
<b>Diana</b> —(eburneo-Lowianum x Pauwelsii)		10.00	"
<b>Diana Aurea</b> —(eburneo-Lowianum x Pauwelsii)	.....	50.00	"
<b>Doreen</b> —(Doris x Pauwelsii)	.....	35.00	"
<b>Doris</b> —(insigne Sanderi x Tracyanum)	.	25.00	"
<b>Doris Dandy</b> —(insigne Sanderi x Tracy- anum)	.....	35.00	"
<b>Dotterel</b> —(Gottianum x L'Ansonii)	...	30.00	"
<b>Dove</b> —(erythrostylum x Holfordianum)		35.00	"
<b>Dryad Westonbirt Variety</b> —(insigne San- deri x Parishii var. Sanderae)	.....	25.00	"
<b>Eagle</b> —(Alexanderi x Gottianum)	....	25.00	"
<b>Eburneo-Lowianum</b> —(eburneum x Low- ianum)	.....	15.00	"
<b>Egret</b> —(Gottianum x Pauwelsii)	.....	25.00	"
<b>Erica</b> —(grandiflorum x Pauwelsii)	.....	20.00	"
<b>Erin</b> —(grandiflorum x gattonense)	...	25.00	"
<b>Fearnley Sander</b> —(Ceres x Lowio- grandiflorum)	.....	25.00	"
<b>Garnet</b> —(Lowianum x Parishii Sanderae)		25.00	"
<b>Gattonense</b> —(Lowianum x Tracyanum)		25.00	"
<b>Gottianum</b> —(eburneum x insigne)	....	20.00	"
<b>Guillemot</b> —(Pauwelsii x Cygnnet)	....	35.00	"
<b>Hanburyanum</b> —(erythrostylum x Tracy- anum)	.....	35.00	"
<b>Hebe</b> —(erythrostylum x Pauwelsii)	...	35.00	"
<b>Hope Gardner</b> —(Lady Colman x rose- fieldense)	.....	75.00	"
<b>International</b> —(eburneo-Lowianum x Woodhamsianum)	.....	35.00	"
<b>Ivory Wings</b> —(Gottianum x Woodham- sianum)	.....	35.00	"
<b>Joy Sander</b> —(Ceres x Pauwelsii)	....	35.00	"

# WEST ORANGE, N. J.

<b>Jasper</b> —(eburneo-Lowianum x Parishii Sanderæ) .....	\$35.00	each
<b>J. Gurney Fowler</b> .....	35.00	"
<b>Kestrel</b> —(Alexanderi x Wiganianum) ..	30.00	"
<b>Kingfisher</b> —(Butterfly x Gottianum) ..	35.00	"
<b>Kittiwake</b> —(Dryad x Gottianum) ....	35.00	"
<b>L'Ansonii</b> —(Natural hybrid ? x ?) ....	35.00	"
<b>Lady Colman</b> —(eburneo-Lowianum x Tracyanum) .....	35.00	"
<b>Landrail</b> —(Dryad x Lowianum) .....	35.00	"
<b>Lapwing</b> —(Butterfly x Miranda) .....	35.00	"
<b>Lou Henry Hoover</b> .....	35.00	"
<b>Louis Sander</b> —(Alexanderi roseum x Ceres) .....	30.00	"
<b>Lowio-Schroederæ</b> —(Lowianum x Schroederæ) .....	15.00	"
<b>Lowgrinum</b> —(Lowianum x tigrinum) ...	25.00	"
<b>Lyoth</b> —(Ceres x insigne Sanderi) ....	35.00	"
<b>Madeline</b> —(insigne Sanderi x Pauwelsii)	35.00	"
<b>Magali Sander</b> —(Cooperi x L'Ansonii) .	30.00	"
<b>Magpie</b> .....	35.00	"
<b>Margaret</b> —(insigne x Sybil) .....	35.00	"
<b>Martin</b> —(Lowio-grandiflorum x Parishii Sanderæ) .....	30.00	"
<b>Mary Sander</b> —(Sybil x Pauwelsii) ....	30.00	"
<b>Mem. W. A. Manda</b> .....	50.00	"
<b>Mem. P. W. Janssen</b> —(Gottianum x insigne) .....	25.00	"
<b>Merlin</b> —(Alexanderi x Dryad) .....	25.00	"
<b>Miranda</b> —(Alexanderi x Lowio-grandiflorum) .....	20.00	"
<b>Moiræ</b> —(Pauwelsii x Tracyanum) ....	10.00	"
<b>Moiræ Jomaco</b> —(Pauwelsii x Tracyanum)	35.00	"
<b>Moiræ Orange Beauty</b> —(Pauwelsii x Tracyanum) .....	50.00	"
<b>Moiræ Orange Queen</b> —(Pauwelsii x Tracyanum) .....	50.00	"
<b>Moiræ Superba</b> —(Pauwelsii x Tracyanum)	35.00	"
<b>Moonbeam</b> —(Erin x Holdfordianum) ..	35.00	"
<b>Mrs. F. E. Dixon</b> .....	50.00	"
<b>Nancy Harte</b> —(Delise x insigne Sanderi)	50.00	"
<b>Nelly</b> —(Albatross x Pauwelsii) .....	35.00	"
<b>Orion</b> —(Doris x erythrostylum) ....	35.00	"
<b>Ostrich</b> —(Gottianum x Wiganianum) ..	35.00	"
<b>Pauwelsii</b> —(insigne Sanderi x Lowianum)	10.00	"
<b>Pauwelsii Nankeen</b> —(insigne Sanderi x Lowianum) .....	25.00	"
<b>Pauwelsii Peach Var.</b> —(insigne Sanderi x Lowianum) .....	25.00	"
<b>Pearl</b> —(Alexanderi x grandiflorum) ...	35.00	"
<b>Penelope</b> —(eburneo-Lowianum x Lowio-grandiflorum) .....	35.00	"
<b>Petrel</b> —(Garnet x Pauwelsii) .....	30.00	"
<b>Phillada</b> —(Alexanderi x Gattონense) ...	100.00	"
<b>Pipit</b> —(Gottianum x Miranda) .....	25.00	"
<b>Plover</b> —(Lowio-grandiflorum x Pauwelsii)	25.00	"
<b>Pluto</b> —(Mastersii x Tracyanum) .....	35.00	"
<b>Pollux</b> —(eburneo-Lowianum x Wiganianum) .....	15.00	"
<b>Pollux Aurea</b> —(eburneo-Lowianum x Wiganianum) .....	25.00	"
<b>President Wilson</b> —(Alexanderi x Lowianum) .....	25.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Ralph Sander</b> —(Cooperi x Pauwelsii) .	\$35.00	each
<b>Redshank</b> —(insigne Sanderi x Redstart)	25.00	"
<b>Redshank Glory</b> —(insigne Sanderi x Redstart) . . . . .	35.00	"
<b>Redstart</b> —(Dryad x Pauwelsii) . . . . .	35.00	"
<b>Ringdove</b> —(Dryad x Miranda) . . . . .	35.00	"
<b>Roger Sander</b> —(Gottianum x Sybil, var. Primrose) . . . . .	35.00	"
<b>Rosefieldense</b> —(grandiflorum x Tracyanum) . . . . .	35.00	"
<b>Seamew</b> —(L'Ansonii x Parishii Sanderæ)	35.00	"
<b>Schlegelii</b> —(insigne Sanderi x Wiganium) . . . . .	20.00	"
<b>Schlegelii Superba</b> —(insigne Sanderi x Wiganium) . . . . .	35.00	"
<b>Swallow</b> —(Alexanderi x Pauwelsii) . . . .	15.00	"
<b>Swallow Springtide</b> —(Alexanderi x Pauwelsii) . . . . .	50.00	"
<b>Sybil</b> —(eburneum x Pauwelsii) . . . . .	15.00	"
<b>Sybil Album</b> —(eburneum x Pauwelsii) .	50.00	"
<b>Sybil Aureum</b> —(eburneum x Pauwelsii)	35.00	"
<b>Sybil Elegans</b> —(eburneum x Pauwelsii) .	25.00	"
<b>Sybil Ronæale</b> —(eburneum x Pauwelsii) .	25.00	"
<b>Sybil Roseum</b> —(eburneum x Pauwelsii) .	25.00	"
<b>Sybil Surprise</b> —(eburneum x Pauwelsii)	35.00	"
<b>Thrush</b> —(Holfordianum x Schlegelii) . .	35.00	"
<b>Titania</b> —(Roseum x insigne Sanderi) . . .	20.00	"
<b>Titania Rosea</b> —(Roseum x insigne Sanderi) . . . . .	25.00	"
<b>Veitchii</b> —(Eburneum x Lowianum) . . .	25.00	"
<b>Venus</b> —(Holfordianum x insigne) . . . .	30.00	"
<b>Vesta</b> —(Alexanderi x insigne Sanderi) .	35.00	"
<b>Virgo</b> —(Pauwelsii x Woodhamsianum) .	35.00	"
<b>Wagtail</b> —(Gottianum x Parishii Sanderæ) . . . . .	25.00	"
<b>Warbler</b> —(Gottianum x Holfordianum) .	35.00	"
<b>Wheater</b> —(L'Ansonii x Pauwelsii) . . . .	25.00	"
<b>Wiganianum</b> —(eburneum x Tracyanum)	15.00	"
<b>Wiganianum Aurea</b> —(eburneum x Tracyanum) . . . . .	25.00	"
<b>Winnianum</b> —(Giganteum x Mastersii) .	15.00	"
<b>Wintercheer</b> —(Doris x Schlegelii) . . .	25.00	"
<b>Woodhamsianum</b> —(eburneo-Lowianum x Lowianum) . . . . .	25.00	"
<b>Yellow Hammer</b> —(Gottianum x Lowianum) . . . . .	35.00	"

**CYPRIPEDIUMS (Species)**

(From kypris, Venus, and podion, a slipper) "Lady Slipper." This is one of the most interesting and important genera of the Orchid family. Being easy to cultivate, the majority of the species winter flowering, their immunity from fogs, owing to the heavy texture of the flowers, has placed it with the popular Orchids of today. They are best grown in a mixture of good Osmunda fibre with a little chopped sphagnum moss added. Some of the tessellated leaved varieties preferring a lighter compost, sphagnum moss should be used. A moist growing



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## WEST ORANGE, N. J.

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atmosphere should be maintained and very little direct sunlight admitted during the summer months; overhead syringing during bright days helps to keep away thrips, which soon disfigure the foliage if not kept down.

<b>Barbatum</b> —(Intermediate) (Malacca), Summer and various .....	\$ 3.00	each
<b>Barbatum Warnerii</b> —(Intermediate) (Malacca), Summer .....	5.00	"
<b>Bellatulum</b> —(Warm) (Siam, etc.), Summer and various .....	10.00	"
<b>Boxallii</b> —(Intermediate) (Moulmein) Winter and early Spring .....	3.00	"
<b>Boxallii Atratum</b> —(Intermediate) (Burma), Winter .....	5.00	"
<b>Callosum</b> —(Warm) (Siam), Winter to Summer .....	5.00	"
<b>Callosum Sanderæ</b> —(Warm) (Siam), Winter to Summer .....	15.00	"
<b>Chamberlainianum</b> —(Warm) (New Guinea), Various .....	10.00	"
<b>Charlesworthii</b> —(Intermediate) (Burma) Late Summer .....	10.00	"
<b>Curtisii</b> —(Warm) (Sumatra), Summer and Various .....	10.00	"
<b>Curtisii Sanderæ</b> —(Warm) (Sumatra), Summer and Various .....	15.00	"
<b>Fairrieanum</b> —(Intermediate) (Assam), Late Summer and Winter .....	15.00	"
<b>Glanduliferum</b> —(Warm) (New Guinea), Summer .....	25.00	"
<b>Gratrixianum</b> —(Warm) (Annam), Various .....	10.00	"
<b>Gratrixianum Aureum</b> —(Warm) (An- nam), Various .....	15.00	"
<b>Haynaldianum</b> —(Warm) (Philippines), Spring .....	10.00	"
<b>Insigne</b> —(Intermediate) (India, Assam, etc.), Winter .....	3.00	"
<b>Insigne Aureum</b> —(Intermediate) (India, Assam, etc.), Winter .....	5.00	"
<b>Insigne Berryanum</b> —(Intermediate) (In- dia, Assam, etc.), Winter .....	5.00	"
<b>Insigne Bohnhoffianum</b> —(Intermediate) (North India), Winter .....	10.00	"
<b>Insigne Chantini</b> —(Intermediate) (North India), Winter .....	5.00	"
<b>Insigne Chantini Lucianum</b> —(Intermedi- ate) (North India), Winter .....	10.00	"
<b>Insigne Coulsonii</b> —(Intermediate) (In- dia, etc.), Winter .....	7.50	"
<b>Insigne Domini</b> —(Intermediate) (India, etc.), Winter .....	7.50	"
<b>Insigne Dorothy</b> —(Intermediate) (India, etc.), Winter .....	7.50	"
<b>Insigne Harefield Hall</b> —(Intermediate) (Assam), Winter .....	10.00	"
<b>Insigne Lageræ</b> —(Intermediate) (India, etc.), Winter .....	10.00	"
<b>Insigne Letwycheanum</b> —(Intermediate) (India, etc.), Winter .....	10.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Insigne Llewellyn</b> —(Intermediate) (India, etc.), Winter .....	\$15.00	each
<b>Insigne Maxima</b> —(Intermediate) (India, etc.), Winter .....	10.00	"
<b>Insigne Marie</b> —(Intermediate) (India, etc.), Winter .....	12.00	"
<b>Insigne McNabbianum</b> —(Intermediate) (India, etc.), Winter .....	10.00	"
<b>Insigne Montanum</b> —(Intermediate) (India, etc.), Winter .....	10.00	"
<b>Insigne Mrs. D. S. Brown</b> —(Intermediate) (India, etc.), Winter .....	25.00	"
<b>Insigne Mrs. G. B. Wilson</b> —(Intermediate) (India, etc.), Winter .....	20.00	"
<b>Insigne Sanderac</b> —(Intermediate) (Assam), Winter .....	7.50	"
<b>Insigne Zebrina</b> —(Intermediate) (India), Winter .....	10.00	"
<b>Lawrenceanum</b> —(Warm) (Borneo), Summer .....	10.00	"
<b>Lawrenceanum Hyeaenum</b> —(Warm) (Borneo), Summer .....	25.00	"
<b>Lawrenceanum Hyeaenum Bank House</b> Var.—(Warm) (Borneo), Summer .....	35.00	"
<b>Lawrenceanum Roseum</b> —(Warm) (Borneo), Summer .....	20.00	"
<b>Parishii</b> —(Intermediate) (Moulmein), Summer .....	10.00	"
<b>Philippinense</b> —(Intermediate) (Philippines), Summer .....	10.00	"
<b>Rothschildianum</b> —(Warm) (New Guinea), Summer .....	15.00	"
<b>Spicerianum</b> —(Intermediate) (Assam), Winter .....	10.00	"
<b>Tonsum</b> —(Warm) (Sumatra), Autumn .....	10.00	"
<b>Venustum</b> —(Warm) (North India), Spring .....	5.00	"
<b>Villosum</b> —(Intermediate) (Moulmein), Winter and early Spring .....	3.00	"
<b>Villosum Aureum</b> —(Intermediate) (Moulmein), Winter and early Spring .....	20.00	"

**CYPRIPEDIUMS (Hybrids)**

<b>Abraham Lincoln</b> —(Niobe x orphanum) .....	15.00	"
<b>Actaeus Revoluta</b> .....	10.00	"
<b>Adam</b> .....	10.00	"
<b>Albert Fisher</b> —(Idina x Pyramus) ....	20.00	"
<b>Alcar</b> —(Alcibiades var. Illustrious x Carola) .....	20.00	"
<b>Alcibiades Amelia</b> —(Leeaenum (Var. giganteum) x Monsieur de Curte) .	20.00	"
<b>Alcibiades Illustre</b> —(Leeaenum (Var. giganteum) x Monsieur de Curte) ...	15.00	"
<b>Alcibiades Sir D. Haig</b> —(Leeaenum (Var. giganteum) x Monsieur de Curte) .	20.00	"
<b>Alcibiades Superbum</b> —(Leeaenum (Var. giganteum) x Monsieur de Curte) .	15.00	"
<b>Alcides</b> —(hirsutissimum x insigne).....	10.00	"

# WEST ORANGE, N. J.

<b>Alcides Roeblingianum</b> —(hirsutissimum x insigne) .....	\$20.00	each
<b>Alcides Superbum</b> —(hirsutissimum x insigne) .....	15.00	"
<b>Alciworthii</b> —(Alcibiades x Charlesworthii) .....	10.00	"
<b>Alciworthii Superbum</b> —(Alcibiades x Charlesworthii) .....	15.00	"
<b>Alice</b> —(Spicerianum x Lowii) .....	10.00	"
<b>Allanianum</b> —(Curtisii x Spicerianum) ..	10.00	"
<b>Amy Moore</b> —(insigne x Nitens) .....	10.00	"
<b>Angeliae</b> —(Callosum x Leeanaum) .....	10.00	"
<b>Argo-Fairrieanaum</b> —(Argus & Fairrieanaum) .....	25.00	"
<b>Aricia Elegans</b> —(G. F. Moore x insigne) ..	10.00	"
<b>Artemis</b> —(Dayanum x Swanianum) ...	10.00	"
<b>Arthurianum</b> —(Fairrieanaum x insigne) ..	10.00	"
<b>Arthurianum Sanderæ</b> —(Fairrieanaum x insigne Sanderæ) .....	20.00	"
<b>Asburtoniae</b> —(barbatum x insigne) ..	5.00	"
<b>Asburtoniae Expansum var.</b> —(barbatum x insigne) .....	10.00	"
<b>Asburtoniae Superbum</b> —(barbatum x insigne) .....	10.00	"
<b>Aureum</b> —(nitens Sallieri Hyeanaum x Spicerianum) .....	10.00	"
<b>Aureum Heyanaum</b> —(nitens Sallieri Hyeanaum x Spicerianum) .....	15.00	"
<b>Aureum Surprise</b> —(nitens Sallieri Hyeanaum x Spicerianum) .....	15.00	"
<b>Auroreum</b> —(Lawrenceanaum x venustum) ..	10.00	"
<b>Baron Harefield</b> —(insigne var. Harefield Hall x The Baron) .....	25.00	"
<b>Barteti</b> —(barbatum x insigne) .....	5.00	"
<b>Behresianaum</b> —(Boxallii x lo var. grande) .....	5.00	"
<b>Betsham</b> .....	10.00	"
<b>Burbagense</b> —(insigne x selligerum) ...	10.00	"
<b>Burtonii Superba</b> .....	25.00	"
<b>Calophyllum</b> —(barbatum x venustum) .	5.00	"
<b>Calypso</b> —(Boxallii x Spicerianum) ....	5.00	"
<b>Calypso Black Empress</b> —(Boxallii x Spicerianum) .....	15.00	"
<b>Calypso Oakwood Var.</b> —(Boxalli atratum x Spicerianum) .....	10.00	"
<b>Calypso The Gem</b> —(Boxallii x Spicerianaum) .....	15.00	"
<b>Candide</b> .....	15.00	"
<b>Carlene</b> —(Carola x Selene) .....	15.00	"
<b>Challenger</b> —(Beryl x Curtmannii) ....	20.00	"
<b>Chamber-Leeanaum</b> —(Chamberlainianaum x Leeanaum) .....	15.00	"
<b>Chas. Canham</b> —(superbiens x villosum) ..	15.00	"
<b>Clio Giganteum</b> —(insigne x Lynchianaum) ..	15.00	"
<b>Colossus</b> —(insigne x villosum) .....	15.00	"
<b>Concinnum</b> —(villosum x purpuratum) .	10.00	"
<b>Constance J. H. Veitch</b> —(Curtisii x Stonei platytænium) .....	25.00	"
<b>Crossianaum</b> —(insigne x venustum) ...	5.00	"
<b>Crossianaum Aureum</b> —(insigne x venustum) .....	10.00	"
<b>Crossianaum Pallens</b> —(insigne x venustum) .....	10.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Dallas</b> —(Curtisii x Fairrienaum) . . . . .	\$25.00	each
<b>Dauthierii</b> —(barbatum x villosum) . . .	5.00	"
<b>Desdemona</b> —(Alcibiades x Mrs. Carey Batten) . . . . .	15.00	"
<b>Dillamona</b> . . . . .	15.00	"
<b>Eismannianum</b> —(Boxallii x Harrisianum)	10.00	"
<b>Empress of India</b> . . . . .	25.00	"
<b>Endymion</b> —(barbatum x Mastersianum)	15.00	"
<b>Ernest Read</b> —(callosum x William Mat- thews) . . . . .	20.00	"
<b>Eucharis</b> —(insigne x Lawrenceanum) .	10.00	"
<b>Euryades</b> —(Boxallii x Leeaunum) . . . . .	10.00	"
<b>Euryades Imperator</b> —(Boxallii x Lee- aunum) . . . . .	15.00	"
<b>Euryades Superba</b> —(Boxallii x Leeaunum)	15.00	"
<b>Evadne</b> —(Charlesworthii x superbiens) .	15.00	"
<b>Fantasia Ram Lee Var.</b> . . . . .	25.00	"
<b>Frau Ida Brandt</b> —(Io var. grande x Youngianum) . . . . .	20.00	"
<b>Garnet Westonbirt Var.</b> —(Beryl x Minos)	25.00	"
<b>Gaudianum</b> —(Curtisii x Harrisianum) . .	50.00	"
<b>Germaine Opoix</b> —(Fairrieaunum x Mad- ame Coffinet) . . . . .	20.00	"
<b>Germynianum</b> —(hirsutissimum x villo- sum) . . . . .	10.00	"
<b>Gigas</b> —(Harrisianum x Lawrenceanum)	10.00	"
<b>Gigas Corndean Hall</b> —(Harrisianum x Lawrenceanum) . . . . .	15.00	"
<b>Godseffianum</b> —(Boxallii x hirsutissi- mum) . . . . .	10.00	"
<b>Godseffianum Superbum</b> —(Boxallii x hirsutissimum) . . . . .	15.00	"
<b>Golden Fleece Westonbirth Var.</b> —(in- signe var. Sanderae x Antinous) . .	25.00	"
<b>Goodsoni Kitty</b> . . . . .	25.00	"
<b>Gowerianum</b> —(Curtisii x Lawrenceanum)	15.00	"
<b>Gurnsey Mitchell</b> . . . . .	25.00	"
<b>Harrisianum</b> —(barbatum x villosum) . .	5.00	"
<b>Harrisianum Luteum</b> —(barbatum x vil- losum) . . . . .	10.00	"
<b>Harrisianum Pitcherianum</b> —(barbatum x villosum) . . . . .	10.00	"
<b>Harrisianum Superbum</b> —(barbatum x villosum) . . . . .	20.00	"
<b>Harrisianum Superbum G. S. Ball</b> —(bar- batum x villosum) . . . . .	35.00	"
<b>Harrisianum Superbum Veitch's Var.</b> — (barbatum x villosum) . . . . .	25.00	"
<b>Harrisianum Tenue</b> —(barbatum x villo- sum) . . . . .	10.00	"
<b>Harrisianum Virescens</b> —(barbatum x vil- losum) . . . . .	20.00	"
<b>Hector</b> —(nitens Sallieri Hyeaunum x Spicerianum) . . . . .	10.00	"
<b>Helvetia</b> —(Chamberlainianum x philip- pinense) . . . . .	15.00	"
<b>Hera</b> —(Boxallii x Leeaunum) . . . . .	10.00	"
<b>Hitchinsiae</b> —(Charlesworthii x insigne)	10.00	"
<b>Hitchinsiae The Monarch</b> —(Charles- worthii x insigne) . . . . .	20.00	"

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**WEST ORANGE, N. J.**

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<b>Ian Hamilton</b> —(Argus x Charlesworthii)	\$25.00	each
<b>Idina Portia</b> —(insigne, Var. Harefield Hall x Dicksonianum, Var. Countess of Carnavon) . . . . .	15.00	"
<b>Imperator</b> —(Alcibiades x Troilus) . . . .	15.00	"
<b>Indra</b> —(Callosum x villosum) . . . . .	15.00	"
<b>Io</b> —(Argus x Lawrenceanum) . . . . .	10.00	"
<b>James Howes</b> —(nitens var. Sallieri Hye- anum x villosum var. aureum) . . .	10.00	"
<b>John Hartley</b> —(Reginald Young x Shogun) . . . . .	50.00	"
<b>Josephianum</b> —(Druryi x Sementa) . . . .	15.00	"
<b>Kitty</b> —(Swinburnei x T. B. Haywood) .	15.00	"
<b>Krishna</b> —(insigne x tonsum) . . . . .	10.00	"
<b>Kubele</b> —(oenanthum x Youngianum) .	15.00	"
<b>Laforcadei</b> —(barbatum x insigne) . . . .	10.00	"
<b>Lathamianum</b> —(Spicedrianum x villosum)	10.00	"
<b>Leeanum</b> —(insigne x Spicerianum) . . .	5.00	"
<b>Leeanum Giganteum</b> —(insigne x Spicer- ianum) . . . . .	10.00	"
<b>Leeanum Clinkaberryanum</b> —(insigne x Spicerianum) . . . . .	15.00	"
<b>Lord Derby</b> —(Rothschildianum x super- biens) . . . . .	15.00	"
<b>Lucie, Smith Var.</b> —(ciliolare x Law- renceanum) . . . . .	20.00	"
<b>Lucifer</b> —(Here (Euryades) x Niobe) . .	25.00	"
<b>Luridum</b> —(Lawrenceanum x villosum) .	10.00	"
<b>Madame Albert Fevrier</b> —(Germaine Opoix x insigne) . . . . .	25.00	"
<b>Madame Jules Hye</b> —(Spicerianum x ton- sum) . . . . .	25.00	"
<b>Mahlerae</b> —(Lawrenceanum x Roth- schildianum) . . . . .	15.00	"
<b>Mangoldii</b> . . . . .	15.00	"
<b>Maritana</b> . . . . .	15.00	"
<b>Marmorophyllum</b> —(barbatum x Hook- erae) . . . . .	15.00	"
<b>Mars</b> —(Io var. grande x Rothschild- ianum) . . . . .	25.00	"
<b>Mary Gratrix</b> —(Aeson x Leeanum) . . .	15.00	"
<b>Maudiae</b> —(callosum var. Sanderae x Lawrenceanum, var. Hye- anum) . . . . .	15.00	"
<b>Maudiae Magnifica</b> —(callosum var. San- derae x Lawrenceanum, var. Hye- anum) . . . . .	20.00	"
<b>Melanophthalmum</b> —(barbatum x venus- tum) . . . . .	10.00	"
<b>Memoria Moensii</b> —(ienanthum x Spiceri- anum) . . . . .	10.00	"
<b>Minos Lowii</b> —(Arthurianum x Spiceri- anum) . . . . .	10.00	"
<b>Minos Youngii</b> —(Arthurianum x Spicer- ianum) . . . . .	15.00	"
<b>Miss Louise Fowler</b> —(Chamberlainia- num x insigne) . . . . .	15.00	"
<b>Moirae</b> —(bingleyense x Priam) . . . . .	20.00	"
<b>Morganiae Gloriosa</b> —(Stonei x Super- biens) . . . . .	25.00	"
<b>Mrs. Canham</b> —(Superbiens x villosum) .	15.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Napoleon</b> —(Aeson x insigne var. Harefield Hall) .....	\$15.00	each
<b>Nigger</b> —(Beckmannii x Mrs. Carey Batten) .....	15.00	"
<b>Niobe Nigrum</b> —(Spicerianum x Fairieanum) .....	25.00	"
<b>Niobe Shorthillense</b> —(Spicerianum x Fairieanum) .....	20.00	"
<b>Nitens</b> —(insigne x villosum) .....	10.00	"
<b>Numa</b> —(Lawrenceanum x Stonei) .....	20.00	"
<b>Oakes Ames</b> —(ciliolare x Rothschildianum) .....	35.00	"
<b>Oenanthum</b> —(Harrisianum x insigne) ..	10.00	"
<b>Oenanthum Superbum</b> —(Harrisianum x insigne) .....	15.00	"
<b>Olivia</b> —(niveum x tonsum) .....	20.00	"
<b>Oultonense</b> —(insigne x Mde. Jules Hye) ..	20.00	"
<b>Oulton Gem</b> .....	25.00	"
<b>Our Prince</b> —(Goliath x Tommycurte) ..	50.00	"
<b>Pavoninum</b> —(Boxallii x Venustum) ....	15.00	"
<b>Pelias</b> —(Haynaldianum x insigne) ....	15.00	"
<b>Perseus</b> —(Alcibiades var. Illustrious x Lady Dillon) .....	25.00	"
<b>Perseus Imperator</b> —(Alcibiades var. Illustrious x Lady Dillon) .....	50.00	"
<b>Pitcherianum</b> —(Harrisianum x Spicerianum) .....	10.00	"
<b>Plunerum</b> —(venustum x villosum) ....	10.00	"
<b>Pollettianum</b> —(calophyllum x cenan- thum) .....	15.00	"
<b>President Harding</b> —(Beryl x Lord Wolmer) .....	15.00	"
<b>Priam Our King</b> —(insigne Harefield Hall x Niobe) .....	15.00	"
<b>Prince Hassein Kamil</b> —(Boxallii x Chamberlainianum) .....	25.00	"
<b>Queen Alexandra</b> —(? x ? probably a form of Mrs. Alfred Fowler (Charlesworthii x Lathamianum) ..	20.00	"
<b>Queen of Belgians</b> —(Cynthia x Monsieur de Curte, var. alpertense) .....	25.00	"
<b>Rainhill</b> .....	15.00	"
<b>Ranji</b> —(Mrs. Alfred Fowler, Rappartii x Triumphans) .....	25.00	"
<b>Rehderianum</b> —(Pitcherianum x purpuratum) .....	20.00	"
<b>Rolfei Superbum</b> —(bellatulum x Rothschildianum) .....	35.00	"
<b>Romulus</b> —(insigne x nitens) .....	10.00	"
<b>Rosemary</b> —(aurem (var. Oedippe) x Her (Euryades)) .....	50.00	"
<b>Rosettii Fowlers. Var.</b> .....	25.00	"
<b>Rosettii Goliath</b> .....	50.00	"
<b>Ridolphianum</b> —(conspicuum x insigne) ..	10.00	"
<b>Royal George</b> —(Harrisianum x Minos (var. Youngii)) .....	15.00	"
<b>Sallieri</b> —(insigne x villosum) .....	10.00	"
<b>Sallieri Attraction</b> —(insigne x villosum) ..	15.00	"
<b>Sallieri Hyeaum</b> —(insigne x villosum) ..	15.00	"
<b>Sallieri Nigro Maculatum</b> —(insigne x villosum) .....	15.00	"

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<b>Sallieri Pictum</b> —(insigne x villosum)...	\$15.00	each
<b>Sallieri Platypetalum</b> —(insigne x villosum) .....	20.00	"
<b>San Actaeus</b> —(Actaeus x insigne var. Sanderæ) .....	10.00	"
<b>St. Albans</b> —(Antigone x Harrisianum) .	10.00	"
<b>St. Hilda</b> —(Boxallii x Curtisii) .....	10.00	"
<b>Satyr</b> —(Beryl x Hera var. Euryadas)...	10.00	"
<b>Shillianum</b> —(Gowerianum x Rothschildianum) .....	25.00	"
<b>Selcox</b> .....	15.00	"
<b>Selcox Albans</b> .....	20.00	"
<b>Selcox Magnificum</b> .....	20.00	"
<b>Selligerum</b> —(barbatum x philippinense) .....	10.00	"
<b>Selligerum Majus</b> —(barbatum x philippinense) .....	15.00	"
<b>Sir George White</b> —(concolor x Leea-num) .....	25.00	"
<b>Sir Redvers Buller</b> —(insigne x Smithii) .	10.00	"
<b>Sir. Wm. Chance</b> —(Memoria Jerninghamiae x Thompsonii) .....	20.00	"
<b>Stamfrau</b> .....	30.00	"
<b>Swanianum</b> —(barbatum x Dayana) ...	10.00	"
<b>T. B. Haywood</b> —(Druryi x superbiens) .	15.00	"
<b>Thalia Mrs. F. Wellesley</b> —(Baron Schroeder x insigne) .....	15.00	"
<b>Thalia New Hall Hey var.</b> —(Baron Schroeder x insigne) .....	15.00	"
<b>The Duchess Corneyanum</b> —(aureum x insigne Sanderæ) .....	20.00	"
<b>Thompsonii</b> —(Calypso x villosum) ....	15.00	"
<b>Tixallense</b> —(Lawrenceanum x Rothschildianum) .....	25.00	"
<b>Tonso-Charlesworthii</b> —(Tonsum x Charlesworthii) .....	12.00	"
<b>Tonso-Masterii</b> —(Tonsum x Mastersii) .	15.00	"
<b>Tonso-Rothschildianum</b> —(Tonsum x Rothschildianum) .....	25.00	"
<b>Tracyanum Superbum</b> —(aureum x Leea-num var. Giganteum) .....	15.00	"
<b>Transvaal</b> —(Chamberlain x Rothschildianum) .....	15.00	"
<b>Triumphans Statters Var.</b> —(nitens, var. Sallierii x oenanthum var. Superbum) .....	12.00	"
<b>Troilus</b> —(insigne x nitens) .....	10.00	"
<b>Vacuna</b> —(Rothschildianum x villosum) .....	15.00	"
<b>Van Imschootianum</b> —(callosum x insigne) .....	10.00	"
<b>Venus Ramn Lea Var.</b> —(insigne x niveum) .....	35.00	"
<b>Verdun</b> —(Clio x Leea-num var. Clinkaberryanum) .....	15.00	"
<b>Vill-Exul</b> —(exul x villosum) .....	15.00	"
<b>Ville de Paris</b> —(insigne x nitens) ....	20.00	"
<b>Vipani</b> —(niveum x Philippinense) ....	25.00	"
<b>Warnhamense</b> —(Curtisii x Philippinense) .....	10.00	"
<b>Warnham Fairy</b> —(Clinkaberryanum x Fairrieianum) .....	15.00	"
<b>Wiertzianum</b> —(Lawrenceanum x Rothschildianum) .....	25.00	"
<b>Williamsii</b> .....	15.00	"
<b>Yule</b> —(Euryniades x Peter) .....	15.00	"

## CYRTOPODIUM

(Warm)

(From kyrtos curved and poca, a foot; referring to the form of the labellum or lip.) A heat-loving genus during its growing season. When growth is completed a long rest is needed, with very little water at the roots, and placed in a lower temperature until the new growth commences, when more water may be given and the plant brought into heat again.

**Punctatum**—(South America), Spring ..\$7.50 each

## DENDROBIUMS (Species)

(Warm)

(From dendron, a tree, and bios, life; the species are epiphytal in their native habitats.) Although not grown in such quantities as formerly, when imported Orchids had to be depended on for a display of bloom during the early months of the year, many of them are worthy of a place in the best collections as they are extremely floriferous. They require considerable heat during the growing season.

They are best grown in small pots or pans suspended from the roof if possible, and potted in a mixture of well-chopped fibre and sphagnum moss. After finishing their growth they take a decided rest, when very little water is needed and cooler treatment should be given them. As soon as they show signs of the formation of flower buds they may be taken into a warmer temperature and given more water to assist the flowers to develop.

**Aggregatum**—(India), Spring .....\$ 7.50 each

**Albosanguineum**—(Moulmein), Spring . 10.00 "

**Atro-Violaceum**—(New Guinea),

Winter and Various ..... 15.00 "

**Aureum**—(Ceylon, India), Spring ..... 5.00 "

**Bigibbum**—(North Australia),

Autumn and early Winter ..... 10.00 "

**Brymerianum**—(Burma), Spring ..... 10.00 "

**Calceolus**—(India, etc.), Summer ..... 5.00 "

**Cariniferum**—(Burma)—Spring ..... 10.00 "

**Chrysanthum**—(North India), Summer  
and Autumn ..... 5.00 "

**Chrysotoxum**—(Moulmein), Spring .... 5.00 "

**Ciliatum**—(Moulmein), Winter ..... 10.00 "

**Cretaceum**—(Burma and Assam),  
Spring ..... 10.00 "

**Crystallinum**—(Arracan Mountains),  
Summer ..... 10.00 "

**Cymbidioides**—(Java), Winter and  
various ..... 5.00 "

**Dalhousieanum**—(Burma, India, etc.),  
Spring ..... 7.50 "

**Deari**—(Philippines), Summer and early  
Autumn ..... 10.00 "

**Densiflorum**—(India, etc.), Spring ..... 7.50 "

**Dixanthum**—(Moulmein), Spring .... 7.50 "

**Farmeri**—(India, Burma, etc.), Spring.. 12.00 "



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<b>Fimbriatum</b> —(Burma), Spring and various .....	\$ 7.50	each
<b>Fimbriatum Oculatum</b> —(Burma), Spring and various .....	10.00	"
<b>Findlayanum</b> —(Moulmein) .....	7.50	"
<b>Formosum</b> —(Assam), Autumn .....	10.00	"
<b>Formosum Giganteum</b> —(Burma), Autumn .....	12.00	"
<b>Fredericksianum</b> .....	12.00	"
<b>Fusiforme</b> —(Australia), Summer .....	10.00	"
<b>Hildebrandii</b> —(Burma), Spring .....	10.00	"
<b>Hollrungii</b> .....	15.00	"
<b>Jenkinsii</b> —(Assam), Spring .....	5.00	"
<b>Kingianum</b> —(Australia), Spring .....	5.00	"
<b>Lyonii</b> .....	15.00	"
<b>Moschatum</b> —(India, etc.), Spring and Summer .....	5.00	"
<b>Moschatum Cupreum</b> —(India, etc.), Summer .....	25.00	"
<b>Nobile</b> —(India and China), Winter and Spring .....	5.00	"
<b>Nobile Arnoldianum</b> —(India, etc.), Winter, etc. ....	10.00	"
<b>Nobile Harefield Hall</b> —(India, etc.), Winter, etc. ....	15.00	"
<b>Nobile Sanderiana</b> —(India, etc.), Winter, etc. ....	10.00	"
<b>Nobile Virginalis</b> —(India, etc.), Winter, etc. ....	10.00	"
<b>Parishii</b> —(Moulmein, etc.), Spring ....	7.50	"
<b>Phalaenopsis Schroederianum</b> —(New Guinea), Autumn .....	7.50	"
<b>Pierardii</b> —(India, etc.), Winter and Spring .....	7.50	"
<b>Primulinum</b> —(Burma), Winter and early Spring .....	10.00	"
<b>Speciosum</b> —(Australia), Various .....	7.50	"
<b>Speciosum Hillii</b> —(Australia), Autumn .....	10.00	"
<b>Spectabile</b> —(New Guinea), Winter ...	25.00	"
<b>Suavissimum</b> —(Burma), Spring .....	15.00	"
<b>Superbiens</b> —(North Australia), Autumn and various .....	15.00	"
<b>Superbum</b> —(Philippines), Spring .....	10.00	"
<b>Superbum Album</b> —(Philippines), Spring .....	25.00	"
<b>Tetragonum</b> —(Australia), Early Spring .....	10.00	"
<b>Thyrsiflorum</b> —(Burma), Spring .....	7.50	"
<b>Toftii</b> —(Australia), Summer and Autumn .....	25.00	"
<b>Tortile</b> —(Moulmein), Spring and early Summer .....	20.00	"
<b>Wardianum</b> —(Assam), Winter and Spring .....	10.00	"

### DENDROBIUMS (Hybrids)

<b>Apollo, Var. Album</b> —(Ainsworthii x nobile) .....	\$15.00	each
<b>Armstrongii</b> —(Aureum x Nobile Coerulescens) .....	12.00	"
<b>Buttercup</b> —(Rolfeae x Signatum) .....	10.00	"
<b>Butterfly</b> —(Ainsworthii x Chessingtonense) .....	10.00	"

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<b>Chrysodiscus</b> —(Ainsworthii x Findlay- anum) .....	\$15.00	each
<b>Clio</b> —(Ainsworthii, var. Splendidissimum Grandiflorum x Wardianum) .....	12.00	"
<b>Cordelia</b> —(Aureum x euosmum, var. leucopterum) .....	12.00	"
<b>Creole</b> —(Dominianum x Nobile) .....	10.00	"
<b>Cybele</b> —(Findlayanum x Nobile) .....	10.00	"
<b>Dalhou-Nobile</b> —(Dalhousieanum x Nobile) .....	15.00	"
<b>Dominianum</b> —(Linawianum x Nobile) .	10.00	"
<b>G. V. Llewelyn</b> —(Plumtonense x Nobile)	15.00	"
<b>Harold</b> —(Findlayanum x Linawianum).	15.00	"
<b>Illustre</b> —(Chrysotoxum x Dalhousie- anum) .....	15.00	"
<b>Joan</b> —(Ainsworthii Splendidissimum Grandiflorum x Nobile elegans) ...	15.00	"
<b>Juno</b> —(Linawianum x Wardianum) ...	10.00	"
<b>Melanodiscus</b> —(Ainsworthii x Findlay- anum) .....	10.00	"
<b>Merlin</b> —(Nobile x Queen of Gattton) ..	15.00	"
<b>Ophir</b> —(Aureum x Signatum) .....	15.00	"
<b>Plumptonense</b> —(Cybele, var. Nobilior x Nobile, var. Nobilius) .....	15.00	"
<b>Schneiderianum</b> —(Aureum x Findlay- anum) .....	10.00	"
<b>Seymouriae</b> .....	20.00	"
<b>Thwaitesiae</b> —(Ainsworthii, var. Splendid- issimum Grandiflorum x Wiganiae)	10.00	"
<b>Thwaitesiae Veitch's Var.</b> —(Ainsworthii x Wiganiae) .....	25.00	"
<b>Wiganiae</b> —(Nobile x Signatum) .....	10.00	"
<b>Wiganiae Aureum</b> —(Nobile x Signatum)	15.00	"

**DIACRIUM**

(Warm)

(The name is probably derived from diakrisis, a separation, referring to the separation of the lip from the column.) A small genus, often included in Epidendrum. The species listed are the best known to cultivation and should be grown suspended from the roof, and given abundance of heat and moisture when growing.

<b>Bicornutum</b> —(West Indies), Summer ...	\$7.50	each
<b>Indivisum</b> —(Trinidad), Summer .....	7.50	"

**EPICATTLEYA**

Hybrids between Epidendrum and Cattleya.

<b>F. E. Dixon</b> —(C. Maxica x Epid. ciliare)	\$15.00	each
<b>Guatemalensis</b> .....	10.00	"

**EPIDENDRUM (Species)**

(Cool and Intermediate)

(From epi, upon, and dendron, a tree; epiphytal on trees.) About five hundred species of this genus are known to science, but the majority are not worth

## WEST ORANGE, N. J.

cultivating. The few included here are among the best, and are of easy cultivation if treated as cool and intermediate growing plants.

<b>Aromaticum</b> —(Guatemala), Spring . . .	\$ 5.00	each
<b>Atro-Purpureum</b> —(Tropical America), Early Summer . . . . .	5.00	"
<b>Aurantiacum</b> —(Guatemala), Spring . . .	5.00	"
<b>Auratum</b> —(Guatemala), Spring . . . . .	5.00	"
<b>Bifidum</b> —(Tropical America) . . . . .	7.50	"
<b>Ciliare</b> —(Tropical America), Winter . .	5.00	"
<b>Cochleatum</b> —(Tropical America), Var- ious . . . . .	5.00	"
<b>Elongatum</b> —(West Indies), Spring and Summer . . . . .	7.50	"
<b>Fragrans</b> —(Tropical America), Summer and Autumn . . . . .	5.00	"
<b>Graniticum</b> . . . . .	5.00	"
<b>Macrochilum</b> —(Tropical America), Early Summer . . . . .	5.00	"
<b>Papilionacea</b> . . . . .	5.00	"
<b>Pentotis</b> —(Brazil), Summer . . . . .	10.00	"
<b>Prismatocarpum</b> —(Central America), Summer . . . . .	7.50	"
<b>Raniferum</b> —(Mexico), Various . . . . .	7.50	"
<b>Stamfordianum</b> —(Honduras), Spring . .	10.00	"
<b>Venosum</b> . . . . .	5.00	"
<b>Vittellinum</b> —(Mexico), Autumn . . . . .	7.50	"

### EPIDENDRUM (Hybrids)

<b>Boundii</b> —(Burtoni x radicans) . . . . .	\$10.00	each
<b>Burtonii</b> —(ibaguense x O'Brienianum) . .	10.00	"

### ERIA

(Warm)

(From ereon, wool; referring to the down on the leaves of some of the species.) A genus more curious than beautiful; mostly stove plants of very easy culture.

<b>Convallarioides</b> —(Burma), Summer . . . .	\$5.00	each
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### GONGORA

(Warm)

(Named after D. Cabellero of Gongora.) A curious genus. They should be grown suspended from the roof in baskets or pans.

<b>Armeniaca</b> —(Nicaragua), Summer . . . .	\$12.00	each
<b>Atro-Purpurea</b> —(British Guiana), Various	10.00	"
<b>Maculata</b> —(Guatemala), Spring . . . . .	7.50	"

### IONOPSIS

A genus of small growing, tufted, epiphytes, allied to *Oncidium*, with very small pseudo-bulbs more or less sheathed with the bases of the usually keeled,

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pointed, 4 to 6 inch high foliage. The plants must be placed in a very small perforated pan, or on wood blocks, using a compost of finely cut Osmunda fibre or best peat mixed with half of its bulk in sphagnum, hung near the glass and freely supplied with water when growing, but great care is necessary in the dull months as the plants are impatient of stagnant compost.

<b>Utricularioides</b> —(Central America),	
Spring .....	\$5.00 each
<b>Satyrioides</b> —(Tropical America),	
Spring .....	5.00 "

**LAELIA (Species)**

(Warm)

(Named after a vestal virgin of that name, because of the delicacy of the flowers.) A genus closely allied to Cattleya, and distinguished therefrom in having eight pollen masses. Richness of coloring may be claimed for this genus. Mated with the more perfectly shaped Cattleya they have helped to produce the popular Laeliocattleya hybrids. Their cultural requirements are similar to Cattleya and allied genera.

<b>Acuminata</b> —(Mexico), Winter .....	\$ 5.00 each
<b>Acuminata Alba</b> —(Mexico), Winter ..	15.00 "
<b>Albida</b> —(Mexico), Winter .....	5.00 "
<b>Anceps</b> —(Mexico), Winter .....	5.00 "
<b>Anceps Alba</b> —(Mexico), Winter .....	10.00 "
<b>Anceps Alba Bull's Var.</b> —(Mexico), Winter .....	15.00 "
<b>Anceps Barkeriana</b> —(Mexico), Winter .	10.00 "
<b>Anceps Hollidayana</b> —(Mexico), Winter.	10.00 "
<b>Anceps Rosea</b> —(Mexico), Winter .....	10.00 "
<b>Anceps Sanderiana</b> —(Mexico), Winter.	12.00 "
<b>Anceps Schroderianum</b> —(Mexico), Win- ter .....	12.00 "
<b>Anceps Stella</b> —(Mexico), Winter .....	10.00 "
<b>Anceps Stella Harkness Var.</b> —(Mexico), Winter .....	15.00 "
<b>Anceps Williamsianum</b> —(Mexico), Win- ter .....	10.00 "
<b>Autumnalis</b> —(Mexico), Late Autumn..	5.00 "
<b>Autumnalis Fostermanii</b> —(Mexico), Late Autumn .....	25.00 "
<b>Boothiana</b> —(Brazil), Early Summer ...	7.50 "
<b>Crispa</b> —(Brazil), Summer .....	7.50 "
<b>Gouldiana</b> —(Mexico), Winter .....	10.00 "
<b>Perrinii</b> —(Brazil), Early Winter .....	7.50 "
<b>Pumila</b> —(Brazil), Autumn .....	5.00 "
<b>Purpurata</b> —(Brazil), Spring and early Summer .....	10.00 "
<b>Purpurata Russelliana</b> —(Brazil), Early Summer .....	25.00 "
<b>Superbiens</b> —(Guatemala), Early Winter	10.00 "
<b>Tenebrosa</b> —(Bahia) .....	10.00 "

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## WEST ORANGE, N. J.

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### LAELIA (Hybrids)

(Warm)

<b>Autoceps</b> —(anceps x autumnalis) . . . .	\$10.00	each
<b>Finckeniana Schroderae</b> —(Albida x anceps) . . . . .	10.00	"
<b>Nemesis</b> —(anceps x superbiens) . . . . .	15.00	"
<b>Pacavia</b> —(purpurata x tenebrosa) . . . .	10.00	"
<b>Pacavia Orchidhurst Var.</b> —(purpurata x tenebrosa) . . . . .	25.00	"

### LAELIOCATTLEYA (Hybrids)

(Hybrids from Laelia x Cattleya.) One of the most popular sections of home-raised Orchids. Houses are kept bright the year through by these handsome and beautifully coloured gems. Their robust and floriferous habit compels recognition where a choice collection is a desideratum.

Our stock is very large and comprehensive, and we solicit enquiries for any varieties not enumerated. **Abbottsford**—(Lc. Damos x C. Mossiae) \$15.00 each

<b>A. C. Burrage</b> . . . . .	15.00	"
<b>Achilles</b> —(C. amabilis x Lc. bletchley- ensis) . . . . .	20.00	"
<b>Alphand</b> —(C. Fabia x Lc. Callistoglossa) . . . .	15.00	"
<b>Amanda</b> —(C. intermedia x L. Boothiana) . . . .	10.00	"
<b>Andromeda</b> —(C. Dowiana x L. flava) . . . .	15.00	"
<b>Annetata</b> . . . . .	15.00	"
<b>Aphrodite</b> —(C. Mendelii x L. purpurata) . . . .	10.00	"
<b>Aquarra</b> —(Lc. Wellsiana x C. veriflora) . . . .	30.00	"
<b>Archer</b> —(Lc. Herscentiae x C. labiata) . . . .	20.00	"
<b>Argosy</b> —(C. Mossiae x Lc. Ingramii) . . . .	15.00	"
<b>Arras</b> —(C. Mossiae x Lc. Aphrodite) . . . .	15.00	"
<b>Arras Fine Var.</b> —(Lc. Eudora x C. Mos- siae Wagneri) . . . . .	35.00	"
<b>Arturo</b> —(L. Hyeana x C. Warscewiczii) . . . .	15.00	"
<b>Arturus</b> —(L. anceps Sanderiana x L. C. Smilax) . . . . .	25.00	"
<b>Athene</b> —(Lc. Callistoglossa x Lc. St. Gothard) . . . . .	20.00	"
<b>Audrena</b> —(Lc. Serbia x C. Warscewiczii) . . . .	15.00	"
<b>Barbarosa</b> —(C. Trianae x Lc. Callisto- glossa) . . . . .	20.00	"
<b>Basil</b> —(C. Mantinii x Lc. Callistoglossa) . . . .	15.00	"
<b>Baskettae</b> —(C. Schroderae x Lc. eximea) . . . . .	25.00	"
<b>Beatrice</b> —(C. Schroderae x Lc. Callisto- glossa) . . . . .	15.00	"
<b>Bella</b> —(C. labiata x L. purpurata) . . . .	15.00	"
<b>Beppo</b> —(L. Alex x C. Syros) . . . . .	20.00	"
<b>Berthe Fournier</b> —(C. Dowiana x Lc. elegans) . . . . .	15.00	"
<b>Bletchleyensis</b> —(C. Warscewiczii x L. tenebrosa) . . . . .	15.00	"
<b>Bletchleyensis Yellow Var.</b> —(C. War- scewiczii x L. tenebrosa) . . . . .	25.00	"
<b>Brilliantissima</b> —(C. Fabia x Lc. Phoenix) . . . .	20.00	"
<b>Britannia</b> —(C. Warscewiczii x Lc. Can- hamiana) . . . . .	20.00	"
<b>Bryan</b> —(C. Gaskelliana x L. crispa) . . . .	15.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Caledonia</b> —(C. Mendelii x Lc. Callistoglossa) .....	\$15.00	each
<b>Callistoglossa</b> —(C. Warscewiczii x L. purpurata) .....	15.00	"
<b>Callistor</b> —(C. bicolor x Lc. Callistoglossa) .....	20.00	"
<b>Cameronian</b> —(Lc. Dominiana x C. Princess Royal) .....	10.00	"
<b>Canhamiana</b> —(C. Mossiae x L. purpurata) .....	10.00	"
<b>Canhamian Alba</b> —(C. Mossiae alba x L. purpurata) .....	20.00	"
<b>Canhamiana Fine Var.</b> —(C. Mossiae Reineckiana Mrs. Young Var. x L. purpurata) .....	25.00	"
<b>Canhamiana Alba Young Var.</b> —(C. Mossiae Reineckiana Mrs. Young Var. x L. purpurata) .....	35.00	"
<b>Canhamiana Excellens</b> —(C. Mossiae x L. purpurata) .....	20.00	"
<b>Cantab</b> —(Lc. St. Gothard x C. Ballantineana) .....	30.00	"
<b>Caprice</b> —(L. G. S. Ball x C. intertexta) .....	10.00	"
<b>Capt. Starkie</b> —(C. labiata x Lc. Aphrodite) .....	15.00	"
<b>Caroline</b> —(C. Schroederae x Lc. Cinna-brosa) .....	15.00	"
<b>C. G. Roebling</b> —(C. Gaskelliana x L. purpurata) .....	15.00	"
<b>Chantilly</b> —(Lc. Martinetii x C. Warneri) .....	15.00	"
<b>Clara Simon</b> —(Lc. Fascinator x C. Tityus) .....	15.00	"
<b>Clara Simon Superba</b> —(Lc. Fascinator x C. Tityus) .....	25.00	"
<b>Clarinda</b> —(Lc. bletchleyensis x C. Rhoda) .....	20.00	"
<b>Clarion</b> —(Lc. eximia x C. Mossiae) ...	15.00	"
<b>Cleo</b> —(Lc. Soulangue x C. labiata) ...	15.00	"
<b>Clonia</b> —(C. Warscewiczii x Lc. elegans) .....	15.00	"
<b>Colmaniana</b> —(C. Dowiana x Lc. Callistoglossa) .....	15.00	"
<b>Cortina</b> —(C. Empress Frederick x Lc. Callistoglossa) .....	20.00	"
<b>Creole</b> .....	15.00	"
<b>Daphne</b> —(C. Trianae x Lc. Gottoiana) ..	15.00	"
<b>Denisii</b> —(C. Lueddemanniana x L. superbiens) .....	15.00	"
<b>Dominiana</b> —(C. Dowiana x L. purpurata) ..	20.00	"
<b>Dominic</b> —(Lc. Dominiana x C. Lueddemanniana) .....	25.00	"
<b>Domos</b> —(C. Mossiae x Lc. Dominiana) ..	15.00	"
<b>Donald Mackenzie</b> —(Lc. Robertsoniae x C. labiata) .....	15.00	"
<b>Douglas</b> .....	15.00	"
<b>Dowfield</b> —(Lc. Isfield x C. Dowiana) ..	15.00	"
<b>Dr. R. Schiffman</b> —(C. Mendelii x Lc. Callistoglossa) .....	15.00	"
<b>D. S. Brown</b> —(C. Trianae x Lc. elegans) ..	15.00	"
<b>Duchess of York</b> —(C. Gaskelliana x L. crispa) .....	15.00	"
<b>Duvaliana</b> —(C. Lueddemanniana x L. purpurata) .....	15.00	"
<b>Edzell</b> —(Lc. Majestic x C. Trianae) ...	15.00	"

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**WEST ORANGE, N. J.**

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<b>Edzell Gloriosa</b> —(Lc. Majestic x C. Trianae) .....	\$50.00	each
<b>Electa</b> —(Lc. Lustre x C. Octave Doin) .....	15.00	"
<b>Elegans</b> —(C. Leopoldii x L. purpurata) .....	15.00	"
<b>Elsie</b> —(C. Trianae x L. cinnabrosa) ...	15.00	"
<b>Emile Tilkin</b> —(C. Gudrun x Lc. Bella) ..	25.00	"
<b>Empire Alba</b> —(Lc. Britannia x C. Fabia alba) .....	35.00	"
<b>Estella</b> —(Lc. Canhamiana x C. Gaskelliana) .....	15.00	"
<b>Eudora</b> —(C. Mendelii x L. purpurata) ..	15.00	"
<b>Euryales</b> —(C. Warneri, var. alba x Lc. Canhamiana var. Rex) .....	15.00	"
<b>Eva Baldwin</b> —(Lc. Dominiana x C. Percivaliana) .....	15.00	"
<b>Excelsior</b> —(C. Mendelii x Lc. Canhamiana) .....	15.00	"
<b>Eximea</b> —(C. Warneri x L. purpurata) ..	15.00	"
<b>Fame</b> —(Lc. Sir Douglas Haig x C. Fabia) ..	25.00	"
<b>Fascinator</b> —(C. Schroederae x L. purpurata) .....	10.00	"
<b>Frederick Boyle</b> —(C. Trianae x L. anceps) .....	10.00	"
<b>Ganymede</b> —(C. Schroederae x L. Latona) .....	15.00	"
<b>Geo. Woodhams</b> —(C. Hardyana x Lc. Callistoglossa) .....	15.00	"
<b>G. G. Whitelegge</b> —(C. Hardyana x Lc. Callistoglossa) .....	10.00	"
<b>Gladiator</b> —(C. Mossiae x Lc. Callistoglossa) .....	15.00	"
<b>Gothlab</b> —(C. labiata x Lc. St. Gothard) ..	15.00	"
<b>Gottoiana</b> —(C. Warneri x L. tenebrosa) ..	15.00	"
<b>Grissette</b> —(Lc. eximia x Lc. Golden Oriole) .....	10.00	"
<b>G. S. Ball</b> —(C. Schroederae x L. cinnabarina) .....	20.00	"
<b>Hassalli Alba</b> —(Lc. Britannia x C. Warscewiczii alba) .....	25.00	"
<b>Henrietta Patterson</b> —(Lc. Luminosa aurea x C. Lord Drury) .....	20.00	"
<b>Herald</b> —(Lc. Mossemiliana x C. Dowiana) .....	15.00	"
<b>Herscentiae</b> —(C. Dowiana aurea x L. Boothiana) .....	10.00	"
<b>Herscentiosa</b> —(Lc. Herscentiae x Lc. luminosa) .....	25.00	"
<b>Herga</b> —(C. Gaskelliana x Lc. elegans) ..	15.00	"
<b>Hivernalis</b> .....	15.00	"
<b>Horniana</b> —(Lc. Schilleriana x L. purpurata) .....	15.00	"
<b>H. T. Pitt</b> —(C. Enid x Lc. Bella) .....	15.00	"
<b>Hydite</b> —(Lc. Aphrodite x C. Suzanne Hye) .....	15.00	"
<b>Hyeana</b> —(C. Lawrenceana x L. purpurata) .....	10.00	"
<b>Invincible</b> —(Lc. bletchleyensis x Lc. Dominiana) .....	15.00	"
<b>Isabella</b> —(C. Schroederae x L. purpurata) .....	15.00	"
<b>Ivanhoe</b> —(C. Dowiana x Lc. eximia) ..	15.00	"

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<b>Jacquinetta</b> —(C. Empress Frederick x Lc. Lustre) .....	\$25.00	each
<b>James Goodier</b> —(Lc. Canhamiana x C. Empress Frederick) .....	20.00	"
<b>J. Ansaldo</b> —(Lc. Hildegard x Lc. Lustre)	25.00	"
<b>Josette</b> —(Lc. St. Gothard x C. Octave Doin) .....	15.00	"
<b>Keymer</b> —(Lc. Martinetii x C. Dupreana)	15.00	"
<b>Liberation</b> —(C. Hardyana x Lc. Henry Greenwood) .....	15.00	"
<b>Locarno</b> —(Lc. Soulangue x C. Tityus) ..	25.00	"
<b>Luminomend</b> —(C. Mendelii x Lc. lum- inosa) .....	15.00	"
<b>Luminosa</b> —(C. Dowiana x L. tenebrosa)	20.00	"
<b>Lustre</b> —(C. Lueddemanniana x Lc. Cal- lisoglossa) .....	20.00	"
<b>Lustrissima</b> —(C. Warscewiczii x Lc. Lustre) .....	20.00	"
<b>Mabel</b> —(C. Trianae x L. tenebrosa) ...	15.00	"
<b>Madame Brasseur Hye</b> —(C. Warscewiczii x Lc. Aphrodite) .....	15.00	"
<b>Mamalohoa</b> —(Lc. Lustre x C. Law- renceana) .....	30.00	"
<b>Marguerite Holroyd</b> —(Lc. Maqueda x C. Warscewiczii) .....	15.00	"
<b>Martinetti</b> —(C. Mossiae x L. tenebrosa)	15.00	"
<b>Mary Crowe</b> —(Lc. C. G. Roebling x C. Lueddemanniana) .....	15.00	"
<b>Mary E. Stein</b> —(Lc. Martinetii x C. Bowringiana) .....	15.00	"
<b>Massasoit</b> —(Lc. Nella x C. Hardyana) ..	10.00	"
<b>McBeaniana</b> —(C. Schroederae x L. anceps) .....	20.00	"
<b>Memoria H. A. Tracy</b> —(C. Hardyana x Lc. Canhamiana) .....	10.00	"
<b>Memoria Pantia Ralli</b> —(Lc. Britannia x C. Lord Rothschild) .....	30.00	"
<b>Milo</b> —(C. Mossiae x Lc. Hyeana) ....	20.00	"
<b>Miss Dorothy Bushnell</b> —(C. Dowiana aurea x Lc. Bryan) .....	15.00	"
<b>Miss Mary Devitt</b> —(C. Trianae x Lc. eximia) .....	35.00	"
<b>M. L. Stevens</b> .....	15.00	"
<b>Modasa</b> —(Lc. St. Gothard x C. Maggie Raphael) .....	25.00	"
<b>Mossemiliana</b> —(C. labiata x Lc. bletchleyensis) .....	15.00	"
<b>Mrs. H. Lloyd</b> —(Lc. Aphrodite x C. Van Houtte) .....	15.00	"
<b>Mrs. Mary A. House</b> —(Lc. Golden Oriole x C. Hardyana) .....	15.00	"
<b>Mrs. Medo</b> —(Lc. luminosa x C. Venus)	25.00	"
<b>Mrs. Reginald Brade</b> —(C. Schroederae x Lc. Aphrodite) .....	15.00	"
<b>Mrs. Ward</b> —(Lc. Hiawatha x Lc. Lustre)	15.00	"
<b>Myra</b> —(C. Trianae x L. flava) .....	15.00	"
<b>Nella</b> —(C. labiata x Lc. Dominiana) ...	10.00	"
<b>Nomad</b> —(Lc. brugensis x C. Dupreana)	15.00	"
<b>Nysa</b> —(C. Warscewiczii x L. crispa) ...	15.00	"
<b>Ogontz</b> —(Lc. elegans x C. Portia) ....	15.00	"
<b>Olenus</b> —(C. Dowiana x Lc. bletchley- ensis) .....	15.00	"



# WEST ORANGE, N. J.

<b>Oxfordensis</b> —(Lc. callistoglossa x C. Tityus) .....	\$35.00	each
<b>Page Platt</b> —(Lc. Appam x C. Hardyana) .....	15.00	"
<b>Pallas</b> —(C. Dowiana x L. crispa) .....	15.00	"
<b>Pepita</b> —(Lc. Colmaniana x Lc. St. Gothard) .....		
<b>Perena</b> .....	15.00	"
<b>Pero</b> —(C. Mantinii x Lc. Gottoiana) .....	15.00	"
<b>Phoenix</b> —(C. Dowiana x Lc. Henry Greenwood) .....	15.00	"
<b>Pordoi</b> —(Lc. Dr. R. Schiffmann x C. Fabia) .....	15.00	"
<b>Profusion</b> —(C. Hardyana x Lc. Serbia) .....	20.00	"
<b>Prudence</b> —(Lc. Soulangue x C. Rhoda) .....	25.00	"
<b>Purple Emperor</b> —(C. Warscewiczii x Lc. callistoglossa) .....	20.00	"
<b>Queen Alexandra</b> —(C. Trianae x Lc. Bella) .....	25.00	"
<b>Queen Marie</b> —(C. Dowiana aurea x Lc. Walter Gott) .....	30.00	"
<b>Queen Mary</b> —(Lc. Lustre x C. Peetersii) .....	20.00	"
<b>Rabeiana</b> —(C. Dupreana x L. purpurata) .....	15.00	"
<b>Rex</b> —(C. Tityus x Lc. Haroldiana) .....	15.00	"
<b>Robert Patterson</b> —(Lc. Aphrodite x C. Tityus) .....	15.00	"
<b>Roger Sander</b> —(C. Mossiae x Lc. luminosa) .....	15.00	"
<b>Rosarita</b> —(Lc. Hyeana x C. Hardyana) .....	15.00	"
<b>Rosemary</b> —(Lc. luminosa x C. iridescens) .....	25.00	"
<b>Roulers</b> —(C. Fabia x Lc. Black Prince) .....	30.00	"
<b>Salonika</b> —(C. Warscewiczii, var. Melanie Meyrodt, x Lc. Fascinator) .....	15.00	"
<b>S. A. Salvage</b> —(Lc. Dominiana x C. Gaskelliana) .....	15.00	"
<b>Sandrews</b> —(C. Fabia x L. crispa) .....	20.00	"
<b>San Juan</b> —(C. Mendelii x Lc. Aphrodite) .....	15.00	"
<b>San Juan Capt. Lindberg</b> —(C. Mendelii x Lc. Aphrodite) .....	50.00	"
<b>St. Gothard</b> —(C. Hardyana x Lc. Gottoiana) .....	20.00	"
<b>Schilleriana</b> —(C. intermedia x L. purpurata) .....	15.00	"
<b>Schilleriana Alba</b> —(C. intermedia alba x L. purpurata) .....	35.00	"
<b>Schroederae</b> —(C. Maggie Raphael, var. alba x Lc. Bella, var. alba) .....	20.00	"
<b>Schroederae Alba</b> —(C. Maggie Raphael, var. alba x Lc. Bella, var. alba) .....	30.00	"
<b>Schroederae Dark Var.</b> —(C. Maggie Raphael x Lc. Bella) .....	35.00	"
<b>Scylla</b> —(C. Lord Rothschild x Lc. Cappei) .....	15.00	"
<b>Scythia</b> —(Lc. Lucasiana x C. Mendelii) .....	15.00	"
<b>Shogun</b> —(Lc. Martinetii x L. tenebrosa) .....	15.00	"
<b>Sibyl</b> —(C. Mendelii x Lc. Dominiana) .....	15.00	"
<b>Sladdenii</b> —(Lc. Bella x C. Octave Doin) .....	15.00	"
<b>S. O. Stevenson</b> —(C. Empress Frederick x L. purpurata) .....	15.00	"
<b>Sybil Furthman</b> —(C. Fabia x Lc. Morvyth) .....	30.00	"
<b>Sylph</b> —(C. Warscewiczii x Lc. luminosa) .....	15.00	"

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**EDWARD A. MANDA, Inc.**

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<b>Teucra</b> —(C. Mossiae x Lc. Martinetii) ..	\$20.00	each
<b>Thea</b> —(C. Percivaliana x Lc. Luminosa)	15.00	"
<b>Theodora</b> —(Lc. Thyone x C. Empress Frederick) .....	25.00	"
<b>Thurgoodiana</b> —(C. Hardyana x Lc. Martinetii) .....	15.00	"
<b>Thurgoodiana Fine var.</b> —(C. Hardyana x Lc. Martinetii Yellow) .....	20.00	"
<b>Trita</b> —(Lc. Teucra x C. Tityus) .....	25.00	"
<b>Triton</b> —(Lc. Tunis x C. Trianae) .....	30.00	"
<b>Trumpeter</b> —(Lc. Ettrick x C. Triumphans) .....	25.00	"
<b>Tugela</b> —(Lc. Teucra x C. Warscewiczii)	15.00	"
<b>Urbania</b> —(C. Warscewiczii x Lc. eximia)	15.00	"
<b>Valencia</b> —(Lc. Soulange x C. Dinah) ..	15.00	"
<b>Veitchiana</b> —(C. labiata x L. crispa) ...	20.00	"
<b>Velma Woolworth</b> —(Lc. Vesuvius x C. Warscewiczii) .....	10.00	"
<b>W. E. Bissett</b> —(C. Carmen x Lc. Martinetii) .....	15.00	"
<b>Weehawken</b> —(Lc. Ernest B. Dane x C. Dowiana) .....	15.00	"
<b>Wellesleyii</b> —(C. Warscewiczii x Lc. Martinetii) .....	20.00	"
<b>Whitinae</b> —(C. Harrisoniana x L. purpurata) .....	15.00	"
<b>Wurzburg</b> .....	15.00	"
<b>Zeno</b> —(C. Luegeae x Lc. St. Gothard)	15.00	"
<b>Zira</b> .....	15.00	"

### LOCKHARTIA

A small genus of epiphytal, Western orchids with slender tufted stems, usually clothed in more or less small distichous leaves, from the axils of which, on the upper stem portions, are produced small, but pretty, usually yellow, flowers. The plants may be grown on blocks, or in small pans or pots. Using a compost of 2 parts osmunda fibre and 2 parts sphagnum moss, with finely broken potsherds. Careful watering is necessary at all times, particularly in the dull months.

**Lunifera**—(Central America), Summer . \$5.00 each

### LYCASTE

(Cool and Intermediate)

(Named after Lycaste, the beautiful daughter of Priam.) A terrestrial genus distinctly interesting and handsome, but not of the easiest to cultivate. They are best grown in a cool intermediate house; potted in a compost of fibrous loam and peat or fibre. Good drainage is most essential, care also is needed in watering as they resent being too wet at the roots.)

<b>Aromatica</b> —(Mexico), Winter .....	\$ 5.00	each
<b>Barringtoniae</b> —(West Indies), Winter..	7.50	"
<b>Candida</b> —(Central America), Early Spring .....	7.50	"
<b>Candida Lawrenceana</b> —(Central America), Spring .....	15.00	"

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## WEST ORANGE, N. J.

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<b>Cruenta</b> —(Guatemala), Spring .....	\$ 5.00	each
<b>Deppei</b> —(Mexico), Winter .....	5.00	"
<b>Lasioglossa</b> —(Guatemala), Winter and Spring .....	15.00	"
<b>Leucantha</b> —(Central America), Various	10.00	"
<b>Skinneri</b> —(Guatemala), Winter .....	5.00	"

### MAXILLARIA

(Cool)

(From maxillae, the jaws of an insect; referring to a resemblance in the column and lip.) A genus very closely allied to *Lycaste* and requiring very similar cultural treatment, although loam may be withheld from the potting material to advantage.

<b>Densa</b> .....	\$ 5.00	each
<b>Grandiflora</b> —(Peru), Spring .....	5.00	"
<b>Houtteana</b> —(Guatemala), Summer ....	5.00	"
<b>Luteo-Alba</b> —(Colombia), Various ....	5.00	"
<b>Picta</b> —(Brazil), Winter and various ...	5.00	"
<b>Rufescens</b> —(Trinidad), Various .....	5.00	"
<b>Sanguinea</b> —(Central America), Winter and various .....	5.00	"
<b>Tenuifolia</b> —(Mexico), Spring .....	5.00	"

### MEGACLINIUM

(Warm)

(From *Megas*, large, and *kline*, a bed; referring to the axis or rachis on which the flowers are borne.) A genus closely allied to *Bulbophyllum* and requiring similar cultural treatment.

<b>Falcatum</b> —(Sierra Leone), Spring .....	\$5.00	each
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### MILTONIA (Species)

(Warm)

(Named after Viscount Milton.) A genus which is becoming increasingly popular owing to the wonderful results of the hybridists' efforts. The richness of colouring, floriferous habit and decorative value of the recently raised hybrids are very remarkable. Their cultural requirements are comparatively easy; an equable temperature night and day of 60 degrees Fahrenheit with plenty of moisture in the atmosphere and at the roots when growing should be aimed at. A compost of three parts well chopped fibre to one part sphagnum moss; potted in well-drained pots or pans, as they are notable shallow-rooting plants.

<b>Phalaenopsis</b> —(Colombia), Late Spring.	\$5.00	each
<b>Roezlii</b> —(Colombia), Autumn .....	5.00	"
<b>Roezlii Alba</b> —(Colombia), Autumn ....	7.50	"
<b>Vexillaria</b> —(Colombia), Spring .....	5.00	"

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**MILTONIA (Hybrids)**

<b>Bleuana</b> —( <i>vexillaria</i> x <i>Roezlii</i> )	.....\$7.50 each
<b>Bluntii Lubbersiana</b> —( <i>Clowesii</i> x <i>spectabilis</i> )	..... 7.50 "
<b>St. Andre</b> —( <i>Bleuana</i> , <i>Sander's</i> var. x <i>Roezlii</i> )	..... 6.00 "
<b>Venus</b> —( <i>phalaenopsis</i> x <i>vexillaria</i> )	.... 7.50 "

**MORMODES**

(Warm)

(From *mormo*, a goblin; referring to the strange appearance of the flowers.) A very curious and interesting deciduous genus, closely allied to *Catasetum* but differing chiefly in not having horns attached to the column. Their cultural requirements are similar to *Catasetum*.

<b>Badium</b> —(Peru), Winter	.....\$10.00 each
<b>Lawrenceana</b> —(Colombia), Various	... 10.00 "

**ODONTOGLOSSUM (Species)**

(Cool)

(From *odous*, a tooth, and *glossa*, a tongue; referring to the toothlike parts on the lip.) This splendid genus is rich in fine species. A nice moist atmosphere should be maintained at all times; careful shading during the Spring and Summer months, and an abundance of fresh air are the principal essentials. Repotting should be undertaken when the new growth is about three or four inches high, using a compost of three parts well chopped fibre and one part sphagnum moss well mixed together.

<b>Bictoniense</b> —(Guatemala), Autumn	...\$ 5.00 each
<b>Citrosimum</b> —(Mexico), Spring and Early summer	..... 3.50 "
<b>Citrosimum Giganteum</b> —(Mexico), Spring and early summer	..... 10.00 "
<b>Grande</b> —(Guatemala), Autumn	..... 5.00 "
<b>Insleayii</b> —(Mexico), Late Summer and various	..... 5.00 "
<b>Pulchellum</b> —(Guatemala), Spring	..... 3.00 "
<b>Reichenheimii</b> —(Mexico), Spring	..... 5.00 "
<b>Rossii</b> —(Mexico), Winter	..... 5.00 "
<b>Schlieperianum</b> —(Costa Rica), Late Summer	..... 5.00 "
<b>Schlieperianum Xanthinum</b> —(Costa Rica), Late Summer	..... 15.00 "

**ODONTOGLOSSUM (Hybrids)**

<b>Boltone</b>	.....\$10.00 each
<b>Charlesworthii</b> —( <i>Harryanum</i> x <i>triumphans</i> )	..... 10.00 "
<b>Cookeanum</b> —( <i>blandum</i> x <i>triumphans</i> )	.. 10.00 "
<b>Henryii</b>	..... 10.00 "

## WEST ORANGE, N. J.

Hertha .....	\$10.00	each
Keighyensis .....	10.00	"
Lambeauium—(crispum x Rolfeae) .	10.00	"
Royal Gem .....	10.00	"
Sanderae .....	10.00	"
Tantodea .....	10.00	"
Ulcies .....	10.00	"

### ONCIDIUM

(Varied)

(From onkos, a tumour; referring to the warty crest on the base of the lip.) A large genus distributed over a wide range of Tropical America at various altitudes, consequently needing varied temperatures under our artificial conditions. They may be potted in a similar compost to Odontoglossums.

Alatum .....	\$ 5.00	each
Altissimum—(West Indies), Summer ...	3.00	"
Ampliatum—(Central America), Spring	5.00	"
Carthaginense—(Tropical America), Summer .....	5.00	"
Carthaginense Roseum—(Tropical America), Summer .....	7.50	"
Cavendishianum—(Tropical America), Spring .....	5.00	"
Cebolleta—(Brazil), Spring .....	5.00	"
Excavatum—(Peru), Autumn .....	5.00	"
Excavatum Aurosum—(Peru), Autumn.	7.50	"
Flexuosum—(Brazil), Summer & various	3.00	"
Harrisonianum—(Brazil), Autumn ....	5.00	"
Incurvum—(Mexico), Autumn .....	3.00	"
Intermedium—(West Indies), Summer..	5.00	"
Kramerianum—(Ecuador), Various ...	5.00	"
Lanceanum—(Trinidad and Guiana), Summer .....	10.00	"
Lanceanum Louvrexianum—(Guiana), Summer .....	15.00	"
Leucochilum—(Mexico), Various ....	5.00	"
Luridum—(West Indies), Summer ....	5.00	"
Marshallianum—(Brazil), Early Summer	10.00	"
Microchilum—(Guatemala), Summer ...	5.00	"
Ornithorynchum—(Mexico & Guatemala), Winter .....	5.00	"
Papilio—(West Indies), Various .....	5.00	"
Phymatochilum—(Mexico), Early Summer .....	7.50	"
Pubes—(Brazil), Summer .....	5.00	"
Pulvinatum—(Brazil), Summer .....	10.00	"
Rupestra—(Peru), Summer .....	5.00	"
Sarcodes—(Brazil), Spring and early Summer .....	10.00	"
Sphacelatum—(Mexico & Guatemala), Spring and early Summer .....	3.00	"
Splendidum—(Guatemala), Mid-Winter .	5.00	"
Splendidum Yellow Var. (Guatemala), Mid-Winter .....	25.00	"
Tigrinum—(Mexico), Autumn & Winter	7.50	"
Varicosum Rogersii—(Brazil), Winter ..	5.00	"
Wentworthianum—(Guatemala), Summer	5.00	"

## PERISTERIA

(From peristera, a dove; "The Dove Orchid" referring to the dove-like appearance of the column.) A small genus of subterrestrial plants. Their culture is similar to Phaius, and equal parts loam and fibre may be used from the potting compost. Given plenty of heat during their growing period, with a rest in a cooler and drier atmosphere, they flower freely.

**Elata**—(Panama), Summer .....\$10.00 each  
**Pendula**—(Tropical America), Summer. 20.00 "

## PHAIUS

(Warm)

(From phaios, the Greek word for swarthy; referring to the yellowish-brown colour of the flowers.) A genus of sub-terrestrial plants. The species and hybrids enumerated here may be grown in a compost of fibrous loam and peat or Osmunda fibre in equal parts with a little sphagnum moss added; shade should be given during bright sunny days.

**Grandifolius**—(Tropical Asia and  
 Australia), Spring .....\$5.00 each

## PHALAENOPSIS (Species)

(Warm)

(From phalaina, a moth, and opsis, resemblance; referring to the appearance of the flowers.) "Moth Orchid." An extremely interesting genus, which includes some of the most beautiful Orchids in cultivation. For their successful cultivation, plenty of heat and moisture are necessary, with a compost of fibre and sphagnum moss in equal parts.

**Amabilis**—(Malaya), Winter .....\$10.00 each  
**Amethystina**—(Sunda Islands), Late  
 Autumn ..... 25.00 "  
**Esmeralda**—(Cochin China) ..... 10.00 "  
**Luedemanniana**—(Philippines), Various. 7.50 "  
**Rimstediana**—(Java), Various ..... 10.00 "  
**Rosenstromii**—(Australia) ..... 25.00 "  
**Sanderiana**—(Philippines, Late Autumn  
 and Winter ..... 15.00 "  
**Schilleriana**—(Philippines), Winter and  
 various ..... 7.50 "  
**Schilleriana Grandiflora**—(Philippines),  
 Winter and various ..... 15.00 "  
**Stuartiana**—(Philippines), Winter .... 15.00 "

## PHALAENOPSIS (Hybrids)

**Alpha**—(Confirmation x Sanderiana) ..\$10.00 each  
**Confirmation**—(Rimstediana x Schil-  
 leriana) ..... 20.00 "  
**Elizabethae**—(Amabilis x Rimstediana). 15.00 "  
**Fontainebleau**—(Schilleriana x Wiganiae) 15.00 "  
**Gilles Gratiot**—(Amabilis x Rimstediana) 15.00 "

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## WEST ORANGE, N. J.

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<b>Grande Conde</b> —(Sanderiana x Schilleriana)	\$15.00 each
<b>Katherine Siegwart</b> —(Amabilis x Gilles Gratiot)	20.00 "
<b>Rothschildiana</b> —(Amabilis x Schilleriana)	20.00 "
<b>Versailles</b> —(Rimstediana x Sanderiana)	20.00 "

### PHOLIDOTA

(From pholos, a scale, and otis, an ear; alluding to the scaly ear-like bracts of the spike.) "Rattlesnake Orchid." All the species of this genus are of botanical interest only. They may be grown under the same conditions as Coelogyne.

**Imbricata**—(India and Burma), Summer. \$5.00 each

### PLATYCLINIS

(Intermediate)

(From platys, broad, and clinis, a couch; alluding to the broad membranous clinandrium.) A small genus mostly from the Philippines. Although the flowers are small, they are borne on elegant nodding racemes, and are mostly very fragrant. They may be grown in pans suspended from the roof, in a compost of fibre and sphagnum moss in equal parts.

<b>Cobbiana</b> —(Philippines), Late Autumn	\$5.00 each
<b>Filiformis</b> —(Philippines), Summer	7.50 "
<b>Glumacea</b> —(Philippines), Spring	3.00 "
<b>Latifolia</b> —(Philippines), Winter	5.00 "
<b>Moellerii</b> —(Philippines)	5.00 "
<b>Uncata</b> —(Philippines), Winter	5.00 "

### RENANTHERA

(Warm)

(From ren, a kidney, and anthera, an anther; referring to the reniform shape of the anthers or pollen masses.) A very interesting genus, which to cultivate well, plenty of heat and atmospheric moisture are requisite.

<b>Imschootiana</b> —(Burma), Spring	\$10.00
<b>Storiei</b> —(Philippines), Various	20.00

### RHYNCHOSTYLIS

(Warm)

(From rhynchos, a beak, and stulos, a pillar; alluding to the shape of the column.) A small genus similar in habit of growth to Aerides and Saccolabium, and should be grown under similar conditions.

**Retusa**—(India to Java), Summer \$15.00

### RODRIQUEZIA

The species formerly known as Burlingtonias are included under this genus. All are epiphytal, dwarf growing and natives of Tropical America. The flowers are showy, large in proportion to the size of the plant. The plants are impatient of too much compost, and should be placed in small pans, on rafts.

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The compost should consist of half fibre and half sphagnum moss. They delight in a moist warm atmosphere when growing, but when growth is completed water must be carefully and sparingly given. **Secunda**—(Trinidad), Summer .....\$5.00 each

**SACCOLABIUM**

(Warm)

(From saccus, a bag, and labium, a lip; alluding to the baggy lip.) A genus very similar in habit of growth to *Aerides* and *Vanda*, and should be grown under similar conditions.

**Ampullaceum**—(India), Summer .....\$10.00 each

**Bellinum**—(Burma), Spring and

Various ..... 10.00 "

**Blumei**—(India to Java), Summer ..... 25.00 "

**Tichromum** ..... 10.00 "

**SARCOPODIUM**

(From sarkos, flesh, and podium, a little foot; alluding to the shape of the flower.) The genus is a small one, and the specie listed in synonymous with *Dendrobium acuminatum*. To flower well, it should be given plenty of sunlight.

**Lyonii**—(Luzon) .....\$15.00 each

**SCHOMBURGKIA**

(Named after Sir R. Schomburgk.) An interesting genus, though rarely seen in flower in this country. They should be given a sunny position in a *Cattleya* house.

**Crispa**—(British Guiana), Winter .....\$ 5.00 each

**Humboldtii**—(Venezuela), Various .... 10.00 "

**Tibicinis**—(Honduras), Early Summer. 7.50 "

**Undulata**—(Colombia), Spring ..... 5.00 "

**SELENIPEDIUM (Species)**

(Warm)

**Caudatum**—(Central America), Spring

and Summer .....\$15.00 each

**Longifolium**—(Costa Rica), Various .. 3.00 "

**Roezlii**—(Costa Rica), Various ..... 5.00 "

**SELENIPEDIUM (Hybrids)**

**Alba-Purpureum**—(Dominianum x

Schlimii) .....\$ 5.00 each

**Calurum**—(longifolium x Sedenii) ..... 5.00 "

**Calurum Rongierii**—(longifolium x

Sedenii) ..... 7.50 "

**Cardinale**—(Sedenii x Schlimii var.

albiflorum) ..... 5.00 "

**Dominianum**—(caricinum x caudatum). 5.00 "

**Grande**—(caudatum x longifolium, var.

Hartwegii) ..... 7.50 "

**Grande Atrata**—(caudatum x longi-

folium, var. Hartwegii) ..... 10.00 "

**Leucorrhodum**—(longifolium x Schlimii) 7.50 "

**Mrs. Washington Roebling**—(caudatum x

Sedenii) ..... 10.00 "

**Perseus**—(Lindleyanum x Sedenii, var.

candidulum) ..... 10.00 "

**Schroederæ**—(caudatum x Sedenii) ... 7.50 "

**Sedenii**—(longifolium x Schlimii) ..... 3.00 "



## WEST ORANGE, N. J.

### SOPHROLAELIOCATTLEYA

(Hybrids combining Sophronitis, Cattleya and Laelia).

<b>Acheron</b> —(SLC. Meuse x LC. Theniss)	\$20.00	each
<b>Baldwinii</b> —(C. Warscewiczii x SLC. Meuse)	20.00	"
<b>Dirce</b> —(LC. Aphrodite x SLC. Meuse)	20.00	"
<b>Magnet</b> —(C. Hardyana x SLC. Virginia)	20.00	"
<b>Maurice</b> —(L. purpurata x SLC. Jos. Charlesworth)	25.00	"
<b>Mrs. Baldwin</b> —(L. purpurata x SLC. Meuse)	25.00	"
<b>Mrs. F. Mercer</b> —(C. Hardyana x SLC. Meuse)	25.00	"
<b>Pervarah</b>	20.00	"
<b>Radians</b> —(C. Princess Royal x SLC. Isabella)	25.00	"
<b>Radians His Majesty</b> —(C. Princess Royal x SLC. Isabella)	50.00	"
<b>Rienzi</b> —(C. Schroederae x SL. Phroso)	20.00	"
<b>Thelma</b> —(C. Richmond Lady x SLC. Isabella)	20.00	"
<b>Vulcan</b> —(LC. Dominiana x SLC. Anzac)	20.00	"
<b>Wamanthon</b>	20.00	"

### SOPHRONITIS

(Cool)

(From sophron, modest; in reference to the pretty little flowers.) A small genus of three species only; grandiflora being the best. They are best grown in pans suspended from the roof of a cool, or cool-intermediate house, potted in a compost similar to that used for the Cattleya groups.

**Grandiflora**—(Brazil), Winter .....\$10.00

### STANHOPEA

(Warm)

(Named in honour of Earl Stanhope.) A very remarkable genus, having large, handsome, and often strongly scented flowers, borne on a pendulous raceme. They are best grown in suspended baskets, as the racemes often come from beneath or out of the side of the baskets.

<b>Amesiana</b> —(Colombia), Summer	\$12.00	each
<b>Ecornuta</b> —(Costa Rica), Spring	12.00	"
<b>Insignis</b> —(Brazil and Peru), Summer	5.00	"
<b>Oculata</b> —(Mexico), Summer	5.00	"

### TRICHOPILIA

(Intermediate)

(From trichos, a hair, and pileon, a cap. The anther is concealed below a cap, surmounted by three tufts of hair.) An interesting and easily cultivated genus; several species are delightfully fragrant. They may be grown in baskets or pans suspended from the roof, where they look very attractive when in flower.

<b>Suavia</b> —(Central America), Spring	\$7.50	each
<b>Tortilis</b> —(Mexico), Various	5.00	"

## VANDA (Species)

(Warm)

(The Indian name of the original species.) A strikingly handsome genus, the range of colours in the different species is very remarkable; they are closely allied to *Aerides*, and should be grown under similar conditions.

<b>Amesiana</b> —(Burma), Early Summer . . .	\$10.00	each
<b>Batemannii</b> —(Philippines), Summer . . .	15.00	"
<b>Coerulea</b> —(North India, Assam, and Burma), Autumn . . . . .	10.00	"
<b>Cristata</b> —(North India), Early Summer .	25.00	"
<b>Kimballiana</b> —(Burma), Autumn and Various . . . . .	10.00	"
<b>Luzonica</b> —(Luzon), Late Autumn . . . .	15.00	"
<b>Roxburghii</b> —(North India, Burma, and Ceylon), Summer . . . . .	10.00	"
<b>Sanderiana</b> —(Philippines), Late Summer and various . . . . .	25.00	"
<b>Spathulata</b> —(Mysore, Malabar, and Ceylon), Various . . . . .	15.00	"
<b>Suavis</b> —(Java), Various . . . . .	10.00	"
<b>Teres</b> —(India, Burma, etc.), Spring . . .	5.00	"
<b>Tricolor</b> —(Java), Various . . . . .	10.00	"

## VANDA (Hybrids)

<b>Miss Joachim</b> —(Teres x Hookeriana) . .	\$10.00	each
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## XYLOBIUM

(Intermediate)

(From xylon, wood, and bios, life; in allusion to the substance on which the plants grow.) A genus closely allied to *Maxillaria*. They may be grown under similar conditions to *Lycaste*, *Maxillaria*, etc.

<b>Colleyii</b> . . . . .	\$5.00	each
<b>Squalens</b> —(Brazil), Spring . . . . .	5.00	"

## ZYGOCOLAX

(Intermediate)

(Hybrids from *Zygopetalum* x *Colax*.) A small family of hybrids, very intermediate in habits of growth and floescens. They should be grown in a fair amount of heat and atmospheric moisture, and given shade from the direct sunlight.

<b>Charlesworthii</b> —(C. jugosus x Z. Perrenoudii) . . . . .	\$15.00	each
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## ZYGOPETALUM

(Intermediate)

From zygus, a yoke, and petalon, a petal; in allusion to the sepals and petals adhering by their bases in some of the species.) A polymorphic genus, a few species are showy, the majority are of most interest botanically. The species listed here may be grown in an intermediate house and potted in a compost of fibrous loam and *Osmunda* fibre in equal parts; care should be taken in watering.

<b>Intermedium</b> —(Brazil), Autumn . . . . .	\$5.00	each
<b>MacKayi</b> —(Brazil), Autumn and Winter .	5.00	"
<b>MacKayi Majus</b> —(Brazil), Autumn and Winter . . . . .	7.50	"

## ORCHID COLLECTIONS

Owing to numerous inquiries received lately for orchid collections, we have prepared this list which covers all classes of plants suitable for beginners who wish to experiment in growing orchids, or to the most advanced collector. The plants offered are all healthy, well established and true to name, of flowering size.

**No. 1.** If you wish to experiment with growing orchids you will find this lot of inexpensive plants very interesting. Our selection:

12 plants in 12 varieties, 4 inch pots .....\$36.00

**No. 2. GENERAL COLLECTION**

12 plants in 12 varieties .....\$ 50.00

12 plants in 12 varieties, stronger ..... 75.00

12 plants in 12 varieties, selected ..... 100.00

**No. 3. HYBRID ORCHIDS**

12 plants in 12 varieties .....\$100.00

12 plants in 12 varieties, stronger ..... 150.00

12 plants in 12 varieties, selected ..... 200.00

**No. 4. CYMBIDIUM HYBRIDS**

12 plants in 12 varieties .....\$125.00

12 plants in 12 varieties, stronger ..... 150.00

12 plants in 12 varieties, selected ..... 200.00

**No. 5. CYPRIPIEDUM HYBRIDS AND SPECIES**

12 plants in 12 varieties .....\$ 50.00

12 plants in 12 varieties, stronger ..... 75.00

12 plants in 12 varieties, selected ..... 100.00

**No. 6. CATTLEYA SPECIES**

6 plants in 6 varieties .....\$ 50.00

6 plants in 6 varieties, stronger ..... 75.00

**No. 7. DENDROBIUM SPECIES**

6 plants in 6 varieties .....\$ 36.00

6 plants in 6 varieties, stronger ..... 50.00

**No. 8. DENDROBIUM HYBRIDS**

6 plants in 6 varieties .....\$ 50.00

6 plants in 6 varieties, stronger ..... 75.00

**No. 9. ONCIDIUM SPECIES**

6 plants in 6 varieties .....\$ 36.00

6 plants in 6 varieties, stronger ..... 50.00

**No. 10. AERIDES, ANGRAECUM AND VANDA**

6 plants in 6 varieties .....\$ 50.00

6 plants in 6 varieties, stronger ..... 75.00

**No. 11. SELENIPEDIUM HYBRIDS AND SPECIES**

6 plants in 6 varieties .....\$ 30.00

6 plants in 6 varieties ..... 50.00

**No. 12. ORCHID SEEDLINGS**

12 plants in 12 different crosses, 2¼ inch \$ 36.00

12 plants in 12 different crosses, 3 inch .. 50.00

12 plants in 12 different crosses, 4 inch .. 75.00

**No. 13. BRASSO CATTLEYA**

12 plants in 12 varieties .....\$125.00

12 plants in 12 varieties, stronger ..... 150.00

12 plants in 12 varieties, selected ..... 200.00

## UNFLOWERED SEEDLINGS

Prices upon request.

- B. C. Marionae x C. Maggie Raphael  
C. Trianae x L. C. Santiago  
C. Gigas x L. C. Beppoxxx  
L. C. Roger Sander x C. Trianae E. Knight  
L. C. Wellesleyii x L. C. Rosalind  
C. Mossiae x C. Monarch Collosal  
C. Leda x B. L. Helen  
C. Gudrum x B. C. Penelope  
C. Alcimeda alba x C. Cowani alba  
L. C. Bella x C. Monarch Collosal  
B. C. Fusilier x C. Trianae  
C. Hardyana x C. Black Prince  
C. Labiata x B. L. Helen  
B. C. Penelope x L. C. Nella  
C. Emily x C. Adula  
L. C. Arturo x C. Mossiae  
B. C. Joyce Jewell x C. Speciosissima  
C. Dupreana alba Magnificum x C. Lady Veitch  
Superbissima  
B. C. Sedenii x C. Trianae  
C. Labiata x L. C. Marquis de Wavrin  
C. Whitei x L. C. Ruby  
C. Triclotho x C. Leda  
L. C. Aphrodite Eclipse x L. C. Martineti  
L. C. Mabel alba x C. Myra Peters alba  
B. C. Minerva x L. C. Canberra  
L. C. Sunbelle, F. C. C. x L. C. Diana  
L. C. Eunice alba x C. Cowaniae alba  
B. C. Fusilier x C. Trianae  
C. Empress Frederick x L. C. Sunbelle  
C. Dussell Undine x B. C. Empress of Russia  
C. Mendelli alba x L. C. Isabel Sander  
C. Gaskelliana x C. Trianae  
C. Suzanne Hye de Crom x C. White Empress  
C. Hardyana x C. Iridescent  
C. Trianae x L. C. Carmencita  
L. C. St. Gothard x L. C. Sargon  
B. C. Andrew Maron x C. Trianae Mrs. A. Cooley  
B. C. Miranda x B. L. C. King Emperor  
L. C. Haroldiana x C. Dowiana  
L. C. S. O. Stevenson x C. Empress Frederick  
L. C. Dominiana x C. Mantini  
C. Eleanore Grey x C. Kienestiana  
L. C. Canhamiana x L. C. Carmencita  
L. C. Profusion x C. Adula  
L. C. Arturp x C. Mossiae  
C. Sylvia x B. L. Helen-Yellow  
C. Lord Derby x C. Sylvia  
B. C. British Queen x C. Eva Baldwin  
C. Trianae x S. L. C. Prince Hirohito  
C. Schroderae x B. C. Marguerite Fournieri  
B. C. Elinor Rice x S. L. C. Prince Hirohito  
C. Enid alba x C. Amabilis alba  
L. C. Herscentiae x C. Fabia  
C. Lord Rothschild x C. Hardyana  
C. Canuraeie x C. Amabilis alba  
L. C. Cleo x L. C. Serbia  
C. Hardyana x L. C. Black Prince  
C. Harold x C. Hardyana

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## WEST ORANGE, N. J.

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- C. Lord Rothschild x L. C. Cooksonae
- L. C. Eunice alba x C. Trianae The Baron
- C. Labiata x L. C. Marquis de Wavrin
- C. Fabia x L. C. Golden Wren
- C. Pretocia x Brassavola Digbyana
- C. Speciosissima x C. Kienastiana
- C. Hardyana x C. Princess Royal
- B. C. Minerva x L. C. Mrs. Mede
- C. Lysander x B. L. C. The Baroness
- C. Mrs. Percy Bigland x L. C. Aconcagna
- L. C. Rubens x C. Dinah
- C. Adula x L. C. Sunbelle
- B. C. Alderman x B. C. Warnham Beauty
- B. L. C. Canada x B. C. Warnham Beauty
- L. C. G. G. Whitelegge x B. C. Warnham Beauty
- L. C. Canada x B. C. Cliftonii Magnifica
- C. Mrs. Pitt x L. C. Aconcagna
- C. Mantini Ronaele Var. x L. C. Locarno
- C. Katahdin x S. L. C. Jos. Charlesworth
- C. Gigas Firman Lambeau x C. Gaskelliana alba
- C. Trianae x B. C. Eudora
- C. Van Houtte x L. C. Herald
- L. C. Bletchleyensis Yellow x L. C. Luminosa Aurea
- C. Trianae x S. L. C. Radions Bonnie Crest Var.
- B. C. Menda x L. C. Locarno
- C. Cybelle x C. Snowden
- C. Snowdon x C. Labiata Harefield Hall
- C. Maggie Raphael x C. Lancing
- L. C. Mrs. H. Lloyd x C. Hardyana
- C. Van Houtte x L. C. Harold
- B. Digbyana x C. Harold alba
- C. Mrs. M. Peters alba x C. Harold alba
- S. L. C. Dirce, dark, x L. C. Valencia
- C. Kienestiana x L. Luminosa Aurea
- C. Labiata x L. C. Albert
- C. Fabia alba x C. Phoebe Snow
- C. Phoebe Snow x C. Dussedorf Undine
- C. Alcameda alba x C. Amabilis alba
- C. Tityus Giganteum x L. C. Don Juan
- L. C. Aphrodite x C. Carmen
- L. purpurata x L. C. Ariel
- B. C. Nestor x C. Cooksoniae
- L. C. Albert x C. Labiata
- B. C. Maroniae x C. Carmencita aurea
- C. Maggie Raphael x L. C. Baden Powell
- L. C. Rena x C. Dionysis alba
- C. Gudrun x C. Hardyana

## **MATERIALS FOR ORCHID CULTURE**

### **ORCHID PEAT**

(OSMUNDA FIBRE)

We always have on hand the finest stock of Orchid Peat, and have supplied the leading Orchid growers for the past thirty years. Recently we have added a machine for shredding this fibre, which separated the pure fibres from dust and foreign substances.

Orchid Peat, as collected, per bag .....	\$ 3.00
Orchid Peat, as collected, per bbl. ....	6.00
Orchid Peat, Shredded, per bag .....	5.00
Orchid Peat, Shredded, per bbl. ....	10.00

### **ORCHID MOSS**

We have special facilities for keeping moss fresh all through the season until April.

Orchid Moss, as collected, per bag .....	\$ 3.00
Orchid Moss, as collected, per bbl. ....	6.00
Orchid Moss, picked, per bag .....	6.00
Orchid Moss, picked, per bbl. ....	12.00

### **CHARCOAL**

This is a fine quality of hardwood charcoal.

Assorted sizes, per bag .....	\$ 3.00
Assorted sizes, per bbl. ....	5.00

### **JOMACO ORCHID LABELS**

These Labels are made of anti-fungus material, smooth on both sides.

	Dozen	100	1000
5 inch .....	\$ .50	\$3.50	\$30.00

### **JOMACO POT HANGERS**

These are a great improvement over the old pot hanger. Easily adjusted, strong and durable.  
Single Hangers:

	Dozen	100
12 inch .....	\$ 1.25	\$ 6.00
15 inch .....	1.50	7.50
18 inch .....	1.75	10.00
24 inch .....	2.00	12.00
30 inch .....	2.25	15.00

Double Hangers:

12 inch .....	1.75	10.00
15 inch .....	2.00	12.00
18 inch .....	2.50	15.00
24 inch .....	3.00	20.00
30 inch .....	3.50	25.00









